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Tronox LLC. Jenderson, Nevada

OCT. 30 - NOV. 3, 2006



CONTENTS

Letter of Transmittal	1
Field Data Letter Report Field Daily Sign-In Log	
Daily Maintenance & Calibration Record	
Table 1- Well Inventory for Groundwater Sampling	
Chain of Custody / Bottle Orders	
Water Sampling Field Logs	

Field Data Letter Report

Section

1.0	INTR	ODUCTION	2
	1.1	Scope of Sampling Event	
2.0	FIELD	ACTIVITIES	3
	2.1	Groundwater Level Soundings	4
	2.2	Equipment Cleaning Procedures	4
3.0	GROL	IND WATER SAMPLING	4
	3.1	Sampling Locations	т 4
	3.1.1	Interceptor Wells 4	•
	3.1.2	Monitoring Wells	4
4.0	SAMP	LING TECHNIQUES	5
	4.1	Interceptor Wells.	Ś
	4.2	Monitoring Wells	6
	4.3	Problems Encountered	Ś
	4.4	Equipment Cleaning procedures	5
5.0	QUAL	ITY CONTROL / QUALITY ASSURANCE	5
	5.1	QC Duplicate Samples	5
	5.2	Equipment Blanks	, 7
	5.3	Field Blanks	7
6.0	ANAL	YTICAL PROCEDURES	7
	б.1	Field Equipment Calibration	3

7.0	SUMN	ARY RESULTS	9
		Ground Water Level Sounding	
		Analytical Results	
		Interceptor Wells	
		Monitoring Wells	
	7.2.3	QC Duplicates	.9
	7.2.4	Equipment Blanks	.9
		Field Blanks	
		,	

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Letter of Transmittal

Date: November 13, 2006

Attention: Susan Crowley Environmental Specialist Tronox LLC. 8000 W. Lake Mead Drive Henderson, NV 89015

Project:

2006 4th Quarter Groundwater Monitoring

Enclosed:

1 copy of Field Data Letter Report

Remarks:

Susan,

The enclosed Quarterly Groundwater Monitoring Report with supporting documents is provided for your records.

Signature:

ambeth

Jeff Lambeth, Project Manager VeoliaWaterNA

VEOLIA WATER NORTH AMERICA PO BOX 90578 Henderson, NV 89009 Tel 702-566-3521 / Fax 702-566-9030 www.Veoliawaterna.com



Field Data Letter Report

5 INTRODUCTION

Tronox LLC. (formerly Kerr McGee Chemical) contracts with Veolia Water North America West LLC., (VWNA) to conduct groundwater sampling and analysis at their Chemical facility, located at 8000 West lake Mead Gate 2, in Henderson, Nevada. The work described herein represents the fourth quarter groundwater sampling event for 2006. The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to KMG January 9, 2004. VWNA has four staff members trained to assist the quarterly well monitoring events. VWNA monitoring team meets twice prior to the sampling event to discuss all issues associated with this project and to review the status of action items noted in the first meeting. Sampling and laboratory equipment needs, time tables and well site schedules are reviewed. Samples and coolers are checked to ensure that there are no missing bottles.

1.1 SCOPE OF SAMPLING EVENT

This sampling effort included the following tasks:

- Soundings of the pumping water levels in 23 interceptor wells.
- Collection of groundwater samples from 21 interceptor wells.
- Soundings of water levels in 74 monitoring wells.
- Collection of groundwater samples from 70 monitoring wells.

Analysis of samples collected from the interceptor and monitoring wells, range from Perchlorate (CLO4), Total Chromium (Cr), Hexavalent Chromium (Cr+6), pH, Total Dissolved Solids (TDS), Nitrate (NO3), Chlorate (CLO3) and NPDES list for well M-10, (Up Well). (CR-MS, MN-MS, CU-MS, MO-MS, FE, B, CL, F, TDS, NO3, NO2-N, N-INOR, NH3, NH3-DIST)

Groundwater samples were shipped daily to Montgomery Watson (MW) for analysis, in Monrovia, California. MW is certified by the State of Nevada.

The scope of this assignment also included compiling the water level and analytical data presented in this report. Data are presented in tabular form.

6 FIELD ACTIVITIES

VWNA conducted the field activities associated with this quarterly sampling event between Monday October 30th and Friday, November 3rd, 2006. Activities included the sounding of "pumping water" levels in the interceptor wells, sounding the "static water" level in the monitoring wells and sampling of both the interceptor and monitoring wells. Prior to each quarter, an inventory list is issued to Tronox LLC. for review and comment. The inventory list was approved by Tronox personnel and their designees and there for followed.

VWNA Project Manager Jeff Lambeth oversees the technical work conducted by project personnel and the quality assurance efforts. James Winge and Eric Crawford were responsible for sample collection and recording all pertinent data on sample bottles. Michele Brown supervised the groundwater sampling activities. She is responsible for executing all work elements related to the groundwater sampling program, including laboratory equipment maintenances and calibration, fieldwork, documenting field activities, maintaining field notes and photographs (when applicable), maintaining a record of onsite personnel and visitors, and providing the Operations Manager with information concerning implementation of the sampling plan.

VWNA maintained records of daily events and pertinent sampling data of each well on a field log sheet and addendum data in a bound log book. Log sheet entries included personnel onsite, weather conditions, water levels, activities conducted, sampling times, pH, EC, temperature and other significant field information.

2.1 Groundwater Level Soundings

VWNA sounded pumping water levels in 23 interceptor wells. Interceptor well "G" and "T" pumps are out of service, however; sounding was conducted at these locations. In addition to the interceptor wells, static water levels of 74 monitoring wells were taken. There were 2 monitoring

wells considered "DRY", M-32, and M-18. There were two (2) wells where only static water levels were required. The following are the 3 wells:

M-80	M-80A .	·

Five (5) wells had the bailers removed in order to sound and record DTW readings.

M-98	M-96	M-19	M-18
M-102	ļ		

The water levels were sounded to the nearest 0.01 foot using an electronic well sounder.

2.2 Equipment Cleaning Procedures

During the sounding of water levels, the equipment was washed with de-ionized water before use at each well. We rinsed the equipment with 3 to 4 gallons deionized water using a dedicated DI water bucket after every well sampling. The rinse water was collected in a polyethylene container and transported to GW-11 for treatment.

3.0 GROUNDWATER SAMPLING

3.1 Sampling Locations

The following presents the identification of wells sampled.

3.1.1	Interceptor Wells	

 J.1.1	moree		,				Y T	тт	тv	T.T	
I-AR	I-B	I-C	I-D	I-E	ĿF	I-H	1-1	<u>I-1</u>	1-12	1-1-	1
I-UI	1-17	<u> </u>			~ 5	TO		3 37	τV	Iĭ_7	í.
I-M	TN	LO	I-P	II-0	I-K	I-S		1-0	1- V	1-2	j
1-1/1	I-N	1-0	<u> </u>								

3.1.2 Monitoring Wells

J. 1. 44	THOMICO				E			37 10	INTOON !
[M-10	M-11	M-12A	1	M-14A	M-17A		M-19	M-22A
				M-34	M-35	M-36	M-37	M-38	M-39
M-23	M-25	M-31A		.[. <u></u>			M-67
M-44	M-48	M-50	M-52	M-57A	M-61	M-64	M-65	<u>M-66</u>	
			M-71	M-72	M-73	M-74	M-75	M-76	M-79
M-68	M-69	M-70	11/1-11	141-124	111 12		<u> </u>		

				· · · · · · · · · · · · · · · · · · ·			3 6 00	116.00	N.C. 0.4
M-83	M-84	M-85	M-86	M-87	M-88	M-89	M-92	M-93	M-94
					M-100	M-101	M-102	M-115	PC-123
M-95	M-96	M-97	M-98	M-99		· ····		112 220	
	PC-125	PC-126	PC-127	PC-128	PC-129	PC-130	PC-131	PC-132	PC-37
PC-54	PC-71		PC-73						

4.0 SAMPLING TECHNIQUES

4.1 Interceptor Wells

The interceptor wells were sampled using dedicated sampling ports. At the beginning of sampling each well or line, personnel wore a new pair of clean nitrile or latex gloves. The sampling port was opened to drain any stagnant water from piping and valves. This water is captured and containerized. All captured water is off-loaded at GW-11 for onsite treatment. Following the purging of the sample port, a "water quality" sample was collected for analysis of Perchlorate, Total Chromium, pH, and conductivity. VWNA also recorded the "*field*" temperature, pH, and conductivity as well as the pumping water level. The "*field*" parameters are provided in Table 1.

4.2 Monitoring Wells

Monitoring wells were purged before sampling to assure that each sample was collected from fresh formation water.

Sixty-five (65) wells were purged and sampled, using the 12 volt submersible pump. Two wells were purged with the "Ready Flo 2" with variable pump flow control. Two (2) wells, M-36, M-38, were purged with a non dedicated bailer that was flushed with de-ionized water prior to each sampling. Hand bailing was done as a result of only needing to purge less than 3 gallons of water, if there was an insufficient amount of water in the well casing to use a pump or due to the location of the well.

Samples for both the interceptor and monitoring wells were collected in appropriate containers supplied by MWH Laboratories and analyzed for the specific required analysis of the well. The bottles were filled with minimal aeration, using laminar flow.

The samples were labeled, packaged, stored, and transported using the procedures outlined in the work plan for well samples. Clear tape may have been used on some bottles to maintain the information integrity of the labels. Where leaking acid' removed the pre labeled information, it was hand restored.

4.3 Problems Encountered

During this event five (5) wells purged dry, M-98, M-64, M-73, M-101 and M-72. Although the wells purged dry the three well casings of water required to be purged from each well was attained and samples collected.

The wells on Sunset, PC-128 and PC-132, now have new steel lids to replace the broken cast lids.

4.4 Equipment Cleaning Procedures

In addition to using much more water to flush and decontaminate the deionized is changed each morning so the rinsing water is fresh. Non-dedicated sampling equipment was cleaned and decontaminated before use at each new sampling location. Conductivity meter probes, pH electrodes, were thoroughly rinsed with de-ionized water after each well was sampled. The rinsate is captured in a special use bucket for decontamination.

5.0 QUALITY CONTROL

Quality control (QC) procedures implemented for this sampling event included collection and analysis of QC duplicate samples, equipment and field blanks. The analytical laboratory is also required to meet specific QA/QC requirements for surrogate recovery, MS/MSD recovery and RPDs, and LCS recoveries.

5.1 <u>QC Duplicate Samples</u>

QC duplicate samples were collected during the sampling event to evaluate the precision and accuracy of analytical data. The QC duplicates were collected, packaged, and transported in the same manner as the primary sample, but assigned a different identification number. Duplicate "field" EC monitoring was conducted each day on the last well visited for that day. Five (5) duplicates were collected from the wells, representing at least 5 percent of the samples collected. The duplicate samples were collected from wells PC-127, PC-128, and PC-129, M-100

and M-84. They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples.

5.2 Equipment Blanks

Two equipment blanks were taken this quarter. The equipment blanks were collected on October 31st and November 1st. One set of three bottles for each day for a total of 6 bottles. This was done to evaluate the adequacy of cleaning procedures used by field personnel during this sampling event.

5.3 Field Blanks

One field blank sample (FB-1) was collected on October 30, 2006. One set of three bottles was sent to the laboratory for analysis to evaluate the integrity of the de-ionized water used to clean and purge the sampling equipment.

6.0 ANALYTICAL PROCEDURES

The following designates the parameter, analytical method and method reporting limits for groundwater. Some of the following analysis may not have been performed for this reporting period. VWNA lists all appropriate information to include analysis conducted throughout the entire year:

	ANALYTICAL METHOD	MRL
<u>parameter</u> CLO4	EPA Method 314	4.0 μg/L
Total Chromium	EPA Method 200.7	0.01 mg/L
Hexavalent Chromium (Cr+6)	EPA Method 4500 CR-D	0.005 mg/L,
pH	EPA Method 150	.01 units
EC	EPA Method 2510	2 µohms/cm
TDS	EPA Method 2540C.	10 mg/L
105		

MWH Laboratory QC analytical method and method reporting limits information, was taken from the MWH Laboratory Data Report.

	ANALYTICAL METHOD	MRL
PARAMETER Chloride	EPA Method 300	80.0 mg/L
CHIOLIUG		

Iron (ICAP)	EPA Method 200.7	0.005 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	100 μg/L
Sodium (ICAP)	EPA Method 200.7	5 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	80 mg/L
Total Organic Carbon, TOC	EPA Method (ML/SM 5310C)	unknown
Total Organic Halogen, TOX	EPA Method (ML/9020 / SM5320)	unknown
Boron	EPA 200.7	.10 mg/L
Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	EPA Method 300	0.200 mg/L
Ammonia Nitrogen	EPA Method 350	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	2.0 mg/L
Copper	EPA Method 200.8	2.0 ug/L
	EPA Method 9056	1000 µg/L
Chlorate	EPA Method 300	11 mg/L
Nitrate		

Laboratory QA/QC procedures employed by MW are being provided directly to KMG.

6.1 Field Equipment Calibration

Prior to the start of each day's events, field laboratory equipment was calibrated. A Hanna HI 98130 water proof pH, EC/TDS and temperature field probe was calibrated and measurements recorded on daily laboratory calibration maintenance forms, which have been provided.

7.0 SUMMARY RESULTS

7.1 Groundwater Level Soundings

A summary of water level soundings collected for the interceptor and monitoring wells are presented in Table 1. A low number indicates a tall water column and a high number indicates a shallow water column.

Pumping water level in interceptors wells. (Measured in fect from below the top of casing.)

LOW	HIGH
24.14 (Ì-I)	43.83 (I-E)
Static water level monitoring wells.	(Measured in feet from below the top of casing.)
LOW	HIGH
9.87 (PC-132)	48.72 (M-10)
·	
7.2 <u>Summary of Field Activities</u>	2
7.2.1 Interceptor Wells	
CLO4, Cr, TDS	21 interceptor wells
The analytical results for these well	s are being provided to Tronox directly from MW.
7.2.2 Monitoring Wells	
CLO4, Cr, Cr+6, and TDS	8 monitoring wells
CLO4, Cr, TDS	62 monitoring wells
Fifteen wells had CLO3 and NO3 s	samples collected from them along with the standard s

required from the well.

					21.10	> 1 02	34 10	M-11	M-12A	1
PC-124	PC-126	PC-128	PC-130	PC-132	M-48	M-23	M-10	141-11	141-1211	i i
10-124	10-120	* • • • • • •								1
M-39	M-25	M-36	M-37							į.
101-32	IVI-4-3	141.00								i i

set

The analytical results for these wells are being provided to Tronox directly from MW.

7.2.3 <u>OC Duplicate Samples</u> (Measured for the same analyses as the primary samples.)

M-100 and M-84 (Measured for CLO4, Total Cr., Hex Cr, TDS and pH)

PC-127 and PC-129 (Measured for Total Cr., CLO4, TDS and pH)

PC-128 (Measured for pH, CLO4, CLO3, NO3, TDS and CR)

9

7.2.4 Equipment Blanks

Two equipment blanks were analyzed for CLO4, Total Cr., Hex Cr., pH, and TDS.

7.2.5 Field Blank

......

One field blank was analyzed for CLO4, Total Cr., Hex Cr., pH and TDS.

Weather Total # of wells sampled Total water samples collected	Cool, Sunny 91 101
Total Wells measured DTW only	4
Total Duplicate Samples (5%)	5
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	3
Total Wells considered DRY	2
Total Wells not found	0
Total Wells out of service	2



Table of Well Gauging Data

This Section Contains:

- Field Sign In Log
- Daily Maintenance & Calibration Log
- Table 1 Well Inventory
- Chain-of-Custody & Bottle Order Forms





Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
10-20	石100	VENA	Michele Bourn	Machele Broix
	0500	VWNA	Price J. Crawford	SA.Charles
10-30	2500.	VWNA	JAMES P. WINBE	born P. (c"
10-31-	500	- AN CO U-	Michele Brown	michile Brou
103-1	0500	-VWNA	Enel- Crawford	El.
10-31	1500	VWVA	JAMOS P. WORKE	And al
11-1-06	500	NWNA	Michele Brown	Micholi Brown
1-1-06	0500	VUSNA !!!	2. Ged. Crawford	
11106	URD.	VWN/	Handr. n 18Bt	Mark T Control
1-2-04	500_	VUNA	Michele Brown	Muchele 5001.1
1-02-06	0500	VWMA	Enice, Constard	addueat. In A
11-12-60	000	JWNA	- pro- cers - converse	Muchilestoniero
11-3-06	500	UWIUA	Michele Drown	tomes & 100
11.5.06	500	VWNA		as I CI
1-03-06	0500	VWNA	Enic J. Crawford	
· /		•		
<u>ا</u>				······································
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		· · · · · · · · · · · · · · · · · · ·		A Star
				1 1 1 1 1

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DAILY MANTENANCE AND CALIBRATION RECORD DATE 10.30.06

HANNA FIELD PH METER

Known value CalibrationValue Buffer Temperature	-/ . a. (l.	1) 8.0 2)11,999 3) 18,5	Time/analyst 5 ¹⁰ MB
Daner remportation	changed buffe	ers	
	yes		
	please	check	

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
	1) 11127 (115)	5100
Calibration Value	1) 11127 1) 1110-7 129 (1)	5100 mB
Standard Temp	1) 19.5	
	changed standards	
	yes	
	please check	

Duplicate EC reading Well # <u>M-44</u>

1st Reading

2nd Reading

EC 9, 4310 STEMP 23,8°C

ес<u>9.47</u>мбемр<u>24.1°C</u>

All equipment was rinsed and purged with Deionized water after each well.

Date 10-30-10 Verified MBrows



DAILY MANTENANCE AND CALIBRATION RECORD DATE 10-31-00

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	214.01	2)8.02	50 mB
Buffer Temperature	3) 20.3	3) 19.9	AMI2
	changed buf	fers	
	yes		
	pleas	e check	

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1)1167	NVB
Calibration Value	1) 1289	500
Standard Temp	1) 20.3	
	changed standards	
	yes_V	
	please check	

Duplicate EC reading Well # ______

1st Reading

2nd Reading

EC. 4.17 MSTEMP 24.2°C

ECU.21MGEMP24.5°C

All equipment was rinsed and purged with Deionized water after each well.

Date 10-31-06 Verified M Brown



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DAILY MANTENANCE AND CALIBRATION RECORD

HANNA FIELD PH METER

Known value CalibrationValue	1) 7.0 2) 7.0 0	1) 8.0 2) 1.9	Time/analyst
Buffer Temperature	3) 20,7	3)20.9	my
	changed but	ffers	
	yes/		
	pleas	se check	

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 119(515
Calibration Value	1) 12-28	MH
Standard Temp	1) al.3°c	
	changed standards	
	yes/	
	please check	

Duplicate EC reading Well # M-VAA

1st Reading

2nd Reading EC_8,95 TEMP_ 23,1°С

ес<u>8.80</u> темр<u>дд.9°</u>С

All equipment was rinsed and purged with Deionized water after each well.

Date 11-1-06 Verified M. Brown



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DAILY MANTENANCE AND CALIBRATION RECORD DATE <u>)トス・</u>グの

HANNA FIELD PH METER

Known value CalibrationValue Buffer Temperature	1) 7.0 2) 7.0 え 3) マン.しご	1) 8.0 2) 8.01 3) 20.3°	Time/analyst ちのろ MB
	changed buff		
	please	e check	

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) [] (47	457
Calibration Value	11 1287	MB
Standard Temp	1) 19.6°	
	changed standards	
	yes_V	
	please check	

Duplicate EC reading Well # <u>M-みう</u>

1st Reading

2nd Reading

ес 10 43 Л SEMP 23. 7° С

ес<u>10.45m5емр_23,6°с</u>

All equipment was rinsed and purged with Deionized water after each well.

Date<u>11-2-06</u> Verified MBNOWW



DAILY MANTENANCE AND CALIBRATION RECORD DATE 1/-3-04

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 1.02	2) 7.95	528 mB
Buffer Temperature	3) 20.7	3) 20.9	 J/(1.2
	changed buf	fers	
	yes_V		
	pleas	e check]

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 11910	325
Calibration Value	1) 148-1	mB
Standard Temp	1) 20.8	
	changed standards	
	yes_/	
	please check	

Duplicate EC reading

Well # <u>M-14A</u>

1st Reading

2nd Reading

EC4.42mS TEMP 23.000

EC 4.43mSTEMP 23.2°C

All equipment was rinsed and purged with Deionized water after each well.

Date 11-3-06 Verified M Brown

Table 1 KERR-MCGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

Summary of Field Data for: Fourth Quarter Groundwater Monitoring, November 2006

WELL#	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWA TER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-2A	40.69	1781.16	Only Sa	mpled in the	2nd Quar	er (Annual) Sa	mpling event	pH / Cr / ClO ₄ / TDS
		141050705-0071		und on Ord	2 2 M () 1 M	dam.		(pH/SC/TOC/TOX) x4 CLO4/CR/ TDS
<u>M-5A</u>	50.00	and the second se	Only sam	pled on 2nd pled on 2nd	& 3rd Quai	ters		(pH / SC / TOC / TOX) x 4
M-6A	46.00 55.00			pled on 2nd	& 3rd Qua	ters		(pH/SC/TOC/TOX) x4
M-7B M-10	69.45		48,72	1787.49	7.34	3.96mS/cm	10-31-06/9:50	pH/CR6/Cr/CIO4/TDS/NO3/CLO3
M-10 M-11	58.00	\$	43.38	1772.16	7.81	4.17mS/cm	10-31-06/11:23	pH/CR6/Cr/ClO4/TDS/NO3/CLO3
M-12A	50.00		42.35	1770.41	7.71	8.80mS/cm	11-1-06/11:24	pH/CR6/Cr/ClO4/TDS/NO3/CLO3
M-13	54.76	1814.89	essierare en t	Only Samp	led in the 2	nd Quarter	easi ya she hine ya	pH/Cr/ClO4/TDS/NO3/CLO3
M-14A	42.40		32.08		7.40	4.42mS/cm	11-3-06/7:52	pH / Cr / ClO₄ / TDS
M-15	42.55	Sectors reveal trainer		1750.97		iono or new co		pH / Cr / ClO ₄ / TDS
M-17A	37.00		33.04	1735.95	7.05	14.58mS/cm	11-3-06/6:37	pH / Cr / ClO ₄ / TDS
M-18	29.80		28.30	1712.18	NO	SAMPLE	11-1-06/11:00	pH / Cr / ClO ₄ / TDS
M-19	41.20		35.72	1731.05	7.37	5.59mS/cm	11-1-06/8:42	pH / Cr / ClO ₄ / TDS
THE PERSON NUMBER	44.74	and experienced to Nate Nat	00.12 10/22/03/22/22/20	1792.07		orsen het merste ste		pH/Cr/ClO4/TDS
M-21			30.13	1729.33	6.97	15.64mS/cm	11-3-06/6:04	pH / Cr / ClO ₄ / TDS
M-22A	36.92 44.47		£	1695.37	7.35	5.33mS/cm	10-30-06/11:36	pH/Cr/ClO4/TDS/NO3/CLO3
M-23	44.47			1727.75	7.04	10.43mS/cm	11-2-06/11:10	pH/Cr/ClO4/TDS/NO3/CLO3
M-25 M-27	26.00	A COLUMN TWO IS NOT THE OWNER.	Mell was	abandoned	W KMCC I	n June 2003. 🛛	这时我们来到你的我们 我们	Not sampled
Manage of the Article	41.74	Convertience and the state				a an an a subscription of the subscription of		pH/Cr/ClO4/TDS
M-29	55.00	1	47.03	1749.84	7.09	10.27mS/cm	11-1-06/6:48	pH / Cr / ClO ₄ / TDS
M-31A	46.70			1799.86		SAMPLE	11-1-06/7:01	pH / Cr / ClO ₄ / TDS
M-32	46.70			1800.29		Language		pH / Cr / ClO ₄ / TDS
M-33				1739.47	7.15	12.14mS/cm	11-1-06/8:10	pH / Cr / ClO ₄ / TDS
M-34	41.8		-	1740.27	7.06	9.96mS/cm	11-1-06/8:26	pH/Cr/ClO ₄ /TDS
M-35 M-36	42.3	and the second se		1727.92	7.03	16.51mS/cm	and the second se	pH/CR8/Cr/ClO4/TDS/NO3/CLO3
M-37	37.1		and the state of t	1729.98	7.07	8.66mS/cm	11-2-06/10:59	pH/GR8/Cr/CiO4/TDS/NO3/CLO3
M-38	36.8		- <u>+</u>	1728.72	7.12	14,66mS/cm	11-2-06/10:03	pH / Cr / ClO ₄ / TDS
M-39	42.6			1729.60	7.10	7.72mS/cm	11-1-06/9:01	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
M-44	37.6	and the second se		1679.91	7.45	9.43mS/cm	10-30-06/12:12	pH / Cr / Cr ^B / ClO ₄ / TDS
M-48	38.5			1696.88	7.60	3.56mS/cm	10-30-06/9:59	pH/Cr/CIO4/TDS/NO3/CLO3
M-50	62.1	<u>-}</u>		1748.99	7.10	14.20mS/cm	11-1-06/7:07	pH / Cr / ClO ₄ / TDS
M-52	47.3			1761.05	7.15	7,84mS/cm	11-2-08/6:04	pH / Cr / ClO ₄ / TDS
M-52	47.0	the second s		1750.88		T ANY		Not sampled
M-56	40.0		3	1750.83	BARKAN		自己的研究和基本的问题	Not sampled

Table 1 KERR-McGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

Summary of Field Data for: Fourth Quarter Groundwater Monitoring, November 2006

WELL#	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWA TER ELEVATION (FT MSL)	рĦ	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-57A	42.40		29.23		7.46	4.19mS/cm	10-31-06/8:04	pH / Cr / ClO ₄ / TDS Not sampled
M-58	45.00	1751.25	den Britsballe	1751.25	SZOZOWACI	menintrakszturształ		Not sampled
M-60	43.00	A COLORADOR OF A COLORADOR OF A COLORADOR OF A COLORADOR A		1750.94	國家的政治保護		11-1-06/9:33	pH / Cr / ClO ₄ / TDS
M-61	41.00	1746.83	24.78	1722.05	7.24	6.33mS/cm		pH / Cr / ClO ₄ / TDS
M-64	38.00	1749.76	29.84	1719.92	7.36	7.40mS/cm	10-31-06/7:05	pH / Cr / ClO ₄ / TDS
M-65	40.00	1753.90	29.23	1724.67	6.86	16.59mS/cm	10-31-06/7:36	
M-66	43.00	1754.24	30.60	1723.64	6.71	16.83mS/cm	10-31-06/7:51	pH / Cr / ClO ₄ / TDS
M-67	38.00	1745.91	22.85	1723.06	7.16	7.98mS/cm	11-1-06/10:10	pH / Cr / ClO ₄ / TDS
M-68	41,00	1748.72	25.61	1723.11	7.38	7.17mS/cm	11-1-06/9:16	pH / Cr / ClO ₄ / TDS
M-69	40.00	<u></u>		1719.25	7.15	6.02mS/cm	10-31-06/8:56	pH/Cr/ClO4/TDS
M-70	41.00		<u>+</u>	1720.58	7.01	9.92mS/cm	11-2-06/9:10	pH/Cr/ClO4/TDS
	41.00			1719.10	7.04	8.15mS/cm	11-2-06/9:23	pH / Cr / ClO ₄ / TDS
M-71				1716.25	7.07	10.35mS/cm	11-2-06/9:36	pH/Cr/ClO ₄ /TDS
M-72	36.00			1712.44	7.55	3.71mS/cm	11-1-06/10:24	pH/Cr/ClO ₄ /TDS
M-73	36.00				7.32	7.48mS/cm	11-1-06/10:43	pH/Cr/ClO ₄ /TDS
M-74	39.00			1716.97		6.45mS/cm	11-3-06/7:19	pH/Cr/ClO ₄ /TDS
M-75	53.90			1742.03	7.48		11-3-06/6:56	pH / Cr / ClO ₄ / TDS
M-76	54.60	1785.21	38.74	1746.47	7.55	5.66mS/cm	11-3-000:00	pH/Cr/ClO ₄ /TDS
M-77	47.80			1800.17				Not sampled
M-78	43.60			1751.50			10.04.00/0.40	pH / Cr / ClO ₄ / TDS
M-79	37.60			1716.44	7.62	1.80mS/cm SAMPLE	10-31-06/9:12 11-2-06/8:29	W.L. only
M-80 M-81A	43.70			1720.20 1715.55		SAMPLE	11-2-06/8:08	W.L. only
				1719.18	7.45	2.01mS/cm	11-2-06/8:37	pH / Cr / ClO ₄ / TDS
M-83 M-84	42.50			1718.53	7.58	1.39mS/cm	11-2-06/10:38	pH / Cr / Cr ^B / ClO₄ / TDS
		<u></u>		1715.59	7.75	1.31mS/cm	11-2-06/8:06	pH/Cr/ClO ₄ /TDS
M-85	38.8			1714.34	7.30	4.38mS/cm	11-2-06/7:50	pH / Cr / ClO ₄ / TDS
M-86	43.0				7.40	2.44mS/cm	11-2-06/6:29	pH/Cr/CIO4/TDS
M-87	41.0			1709.79		8.67mS/cm	11-1-06/11:07	pH / Cr / ClO ₄ / TDS
M-88	39.0			1708.74	7.31	4		pH / Cr / ClO ₄ / TDS
M-89	39.0	····	_	1732.82	6.93	13.86mS/cm		pH / Cr / CIO ₄ / TDS
M-92	48.5	0 1800.7	6 36.96	1763.80	7.15	2.54mS/cm		pH / Cr / ClO ₄ / TDS
M-93	49.0	0 1797.5	4 35.88	1761.66	7.50	3.85mS/cm	11-1-06/6:13	

Table 1KERR-McGEE CHEMICAL CORPORATIONWELL INVENTORY FOR GROUNDWATER SAMPLINGHENDERSON, NEVADA

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Summary of Field Data for: Fourth Quarter Groundwater Monitoring, November 2006

WELL#	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWA TER ELEVATION (FT MSL)	рН	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-94	21.60	1695.07	11.40	1683.67	7.31	8.74mS/cm	10-30-06/11:55	pH / Cr / Cr ⁴ / ClO ₄ / TDS
M-95	30.00	1694.09	9.90	1684.19	7.39	8.82mS/cm	10-30-06/9:03	pH / Cr / ClO ₄ / TDS
M-96	16.90	1693.52	9.93	1683.59	7.38	8.12mS/cm	10-30-06/8:52	pH / Cr / ClO ₄ / TDS
	52.50	1800.85	40.07	1760.78	7.13	5.03mS/cm	11-1-06/5:58	pH / Cr / ClO ₄ / TDS
		1731.90	30.00	1701.90	7.38	5.56mS/cm	10-31-06/8:25	pH / Cr / ClO ₄ / TDS
			27.96	1702.78	7.18	7.38mS/cm	10-31-06/8:40	pH / Cr / ClO ₄ / TDS
		And the second se	26.27	1704.66	7.52	2.16mS/cm	11-2-06/10:25	pH / Cr / Cr ⁹ / ClO₄ / TDS
			28.42	1702.39	7.65	4.44mS/cm	11-2-06/7:04	pH / Cr / ClO ₄ / TDS
			·····	1702.74	7.57	2.52mS/cm	11-2-06/6:49	pH / Cr / ClO ₄ / TDS
					7.52	3.31mS/cm	11-3-06/7:36	pH / Cr / ClO ₄ / TDS
			···	1603.70	6.99	8.72mS/cm	10-30-06/5:46	pH / Cr / ClO₄ / TDS
M-97 52.50 1600.85 40.77 1700 7.18 5.56mS/cm 10-31-06/8:25 pH / Cr / Clo ₄ / T M-98 33.40 1731.90 30.00 1701.90 7.38 5.56mS/cm 10-31-06/8:25 pH / Cr / Clo ₄ / T M-99 36.50 1730.74 27.96 1702.78 7.18 7.38mS/cm 10-31-06/8:40 pH / Cr / Clo ₄ / T M-100 32.80 1730.93 26.27 1704.66 7.52 2.16mS/cm 11-2-06/10:25 pH / Cr / Clo ₄ / T M-101 31.20 1730.81 28.42 1702.39 7.65 4.44mS/cm 11-2-06/7:04 pH / Cr / Clo ₄ / T M-115 47.50 37.19 7.52 3.31mS/cm 11-3-06/7:36 pH / Cr / Clo ₄ / T PC-123 34.70 1626.70 23.00 1603.70 6.99 8.72mS/cm 10-30-06/5:46 pH / Cr / Clo ₄ / T PC-124 34.60 1636.30 24.90 1611.40 7.19 6.93mS/cm 10-30-06/6:49 pH / Cr / Clo ₄ / T PC-126 34.30 </td <td>pH/Cr/ClO4/TDS/NO3/CLO3</td>	pH/Cr/ClO4/TDS/NO3/CLO3							
M-98 33.40 1731.90 30.00 1701.50 7.30 7.30 7.30 7.301.0101 D1 0100101 D1 010010101 D1 0100101 D1 01001001001 D1 01001001001 D1 010010010001 D1 010010010001 D1 010010010001 <thd1 01="" 010001000010000000000000000000000<="" td=""><td>pH / Cr / ClO₄ / TDS</td></thd1>	pH / Cr / ClO ₄ / TDS							
					7.13	12.44mS/cm	10-30-06/6:34	pH/Cr/ClO4/TDS/NO3/CLO3
		- <u>}</u>	<u>+</u>	1613.71	7.30	8.65mS/cm	10-30-06/6:49	pH / Cr / ClO ₄ / TDS
		the second se		1615.14	7.45	5.72mS/cm	10-30-06/7:03	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
	37.70	1634.35	18.55	1615.80	7.14	7.56mS/cm	10-30-06/7:21	
L	and the second sec		La contraction of the local division of the	1614.40	7.26	7.35mS/cm	10-30-06/7:40	pH/Cr/ClO4/TDS/NO3/CLO3
	39.40	1634.29	11.10	1623.19	7.09	13.08mS/cm	10-30-06/7:59	pH / Cr / ClO ₄ / TDS
PC-132	39.70		9.87	1624.97	7,19	12.53mS/cm	10-30-06/8:17	pH/Cr/ClO4/TDS/NO3/CLO3
Intercept	or Wells							
I-AR	45.00	1758.35	6 29.07	1729.28	7.15			
1-B	45.70	1752.66	33.06	1719.60	7.18	7.10mS/cm		
I-C	43.80	1752.77	32.81	1719.96	7.25	10.35mS/cm		And the second
	47.7	1752.66	28.94	1723.72	7.16	10.74mS/cm	10-31-06/6:01	
			3 43.83	1708.53	6.89	11.24mS/cm	10-31-06/5:55	pH / Cr / ClO ₄ / TDS
				1723.68	6.99	14.89mS/cm	10-31-06/5:51	pH / Cr / ClO ₄ / TDS
1-G	42.6			1723.70	NO	SAMPLE	10/31/06	pH / Cr / ClO ₄ / TDS
I-H	46.5			1719.50	6.83	16.70mS/cm	10-31-06/5:40	pH / Cr / ClO ₄ / TDS
	46.0	<u> </u>	·	1721.36	7.18	13.01mS/cm	11-1-08/10:00	pH / Cr / CIO ₄ / TDS
- -J	44.5			1707.92	7.28	6.82mS/cm		pH / Cr / ClO ₄ / TDS

Table 1 KERR-McGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

Summary of Field Data for: Fourth Quarter Groundwater Monitoring, November 2006

WELL#	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWA TER ELEVATION (FT MSL)	рН	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
-K	38.71	1750.07	36.33	1713.74	7.37	6.88mS/cm	11-1-06/9:38	pH / Cr / ClO ₄ / TDS
-L	43.40	1751.69	25.63	1726.06	6.96	8.89mS/cm	10-31-06/6:07	pH / Cr / ClO ₄ / TDS
-M	43.70	1752.89	29.85	1723.04	7.07	10.94mS/cm	10-31-06/5:57	pH / Cr / ClO ₄ / TDS
-N	41.70	1751.45	29.12	1722.33	6.93	12.38mS/cm	10-31-06/5:52	pH / Cr / ClO ₄ / TDS
		1752.79	37.80	1714.99	6.56	14.64mS/cm	10-31-06/5:32	pH / Cr / ClO ₄ / TDS
			41.80	1709.86	6.75	16.24mS/cm	10-31-06/5:37	pH / Cr / ClO ₄ / TDS
and the party of the second second		and the sector of the sector o	and and the second second second	1723.83	6.96	17.06mS/cm	10-31-06/5:47	pH / Cr / ClO ₄ / TDS
					6.96	9.35mS/cm	10-31-06/6:10	pH / Cr / ClO ₄ / TDS
I-Q 43.60 173.11 29.20 172.00 0.00 10000000 100000000 pH / Cr / ClQ ₄ / TDS I-R 45.30 1751.35 34.23 1717.12 6.96 9.35mS/cm 10-31-06/6:10 pH / Cr / ClQ ₄ / TDS I-S 47.70 1750.03 28.66 1721.37 7.27 8.69mS/cm 10-31-06/6:05 pH / Cr / ClQ ₄ / TDS I-T 47.80 1751.65 28.66 1722.99 NO SAMPLE 10/31/06 pH / Cr / ClQ ₄ / TDS I-U 47.60 1752.16 41.67 1710.49 6.75 16.80mS/cm 10-31-06/5:42 pH / Cr / ClQ ₄ / TDS I-V 47.70 1752.13 31.33 1720.80 7.25 13.49mS/cm 11-1-06/10:03 pH / Cr / ClQ ₄ / TDS I-Z 37.00 1743.78 34.00 1709.78 7.30 9.51mS/cm 11-1-06/10:03 pH / Cr / ClQ ₄ / TDS PC-37 43.08 1707.71 24.15 1683.56 7.41 8.73mS/cm 10-30-06/10:37 pH / Cr / ClQ ₄ / TDS PC-71 33.23 1698.73 22.43 1676.30 7.36 9.46mS/c	pH / Cr / ClO ₄ / TDS							
I-P 447.80 1731.00 47.80 1733.00 67.90 10.10000000000000000000000000000000000	pH / Cr / ClO ₄ / TDS							
I-Q 43.80 173.11 23.20 172.00 6.00 9.35m3/cm 10-31-06/6:10 pH / Cr / Clo ₄ / TDS I-R 45.30 1751.35 34.23 1717.12 6.96 9.35mS/cm 10-31-06/6:10 pH / Cr / Clo ₄ / TDS I-S 47.70 1750.03 28.66 1721.37 7.27 8.69mS/cm 10-31-06/6:05 pH / Cr / Clo ₄ / TDS I-T 47.80 1751.65 28.66 1722.99 NO SAMPLE 10/31/06 pH / Cr / Clo ₄ / TDS I-U 47.60 1752.16 41.67 1710.49 6.75 16.80mS/cm 10-31-06/5:42 pH / Cr / Clo ₄ / TDS I-V 47.70 1752.13 31.33 1720.80 7.25 13.49mS/cm 11-1-06/10:03 pH / Cr / Clo ₄ / TDS I-Z 37.00 1743.78 34.00 1709.78 7.30 9.51mS/cm 11-1-06/9:52 pH / Cr / Clo ₄ / TDS PC-37 43.08 1707.71 24.15 1683.56 7.41 8.73mS/cm 10-30-06/10:37 pH / Cr / Clo ₄ / TDS PC-71 33.23 1698.73 22.43 1676.30 7.36 9.46	pH / Cr / ClO ₄ / TDS							
I-Q43.80173.1123.20172.0001.0010.01Def 100PH / Cr / Cl04 / TDSI-R45.301751.3534.231717.126.969.35mS/cm10.31-06/6:10PH / Cr / Cl04 / TDSI-S47.701750.0328.661722.99NO SAMPLE10/31/06PH / Cr / Cl04 / TDSI-T47.801751.6528.661722.99NO SAMPLE10/31/06PH / Cr / Cl04 / TDSI-U47.601752.1641.671710.496.7516.80mS/cm10-31-06/5:42PH / Cr / Cl04 / TDSI-V47.701752.1331.331720.807.2513.49mS/cm11-1-06/9:52PH / Cr / Cl04 / TDSI-Z37.001743.7834.001709.787.309.51mS/cm10-30-06/11:16PH / Cr / Cl04 / TDSPC-3743.081707.7124.151683.567.418.73mS/cm10-30-06/13:7PH / Cr / Cl04 / TDSPC-5434.601704.4215.131689.297.287.39mS/cm10-30-06/10:37PH / Cr / Cl04 / TDSPC-7133.231698.7322.431676.307.369.46mS/cm10-30-06/10:37PH / Cr / Cl04 / TDSPC-7349.441699.4930.261669.237.348.29mS/cm10-30-06/11:01PH / Cr / Cl04 / TDSPC-7349.441699.4930.261669.237.348.29mS/cm10-30-06/11:01PH / Cr / Cl04 / TDSPioneer Chemical Well11/02/06PH	pH / Cr / ClO ₄ / TDS							
I-S 47.0 1730.00 20.00 1721.01 7.121 1000000000000000000000000000000000000	pH / Cr / ClO₄ / TDS							
-P 47.80 1731.80 47.80 1793.80 6.96 17.06mS/cm 10.31.06/5.47 PH/Cr / ClO ₄ / TDS -Q 43.80 1753.11 29.28 1723.83 6.96 17.06mS/cm 10.31.06/5.47 PH/Cr / ClO ₄ / TDS -R 45.30 1751.35 34.23 1717.12 6.96 9.35mS/cm 10.31.06/6:10 PH/Cr / ClO ₄ / TDS -S 47.70 1750.03 28.66 1722.99 NO SAMPLE 10.31.06 PH/Cr / ClO ₄ / TDS LU 47.60 1752.16 41.67 1710.49 6.75 16.80mS/cm 10-31-06/5.42 PH/Cr / ClO ₄ / TDS LV 47.70 1752.13 31.33 1720.80 7.25 13.49mS/cm 11-1.06/10:03 PH/Cr / ClO ₄ / TDS LZ 37.00 1743.78 34.00 1709.78 7.30 9.51mS/cm 11-30-06/11:16 PH/Cr / ClO ₄ / TDS PC-37 43.08 1707.71 24.15 1683.56 7.41 8.73mS/cm 10-30-06/13:37 PH/Cr / ClO ₄ / TDS PC-72 39.54 1699.43 27.64 1671.79 7.39 8.31mS/cm <								
HR 45.30 1751.35 34.23 1717.12 6.96 9.35mS/cm 10-31-06/6:10 pH / Cr / ClQ ₄ / TDS I-S 47.70 1750.03 28.66 1721.37 7.27 8.69mS/cm 10-31-06/6:05 pH / Cr / ClQ ₄ / TDS I-T 47.80 1751.65 28.66 1722.99 NO SAMPLE 10/31/06 pH / Cr / ClQ ₄ / TDS I-U 47.60 1752.16 41.67 1710.49 6.75 16.80mS/cm 10-31-06/5:42 pH / Cr / ClQ ₄ / TDS I-V 47.70 1752.13 31.33 1720.80 7.25 13.49mS/cm 11-1-06/10:03 pH / Cr / ClQ ₄ / TDS I-Z 37.00 1743.78 34.00 1709.78 7.30 9.51mS/cm 11-1-06/9:52 pH / Cr / ClQ ₄ / TDS Other wells (offsite)	pH / Cr / ClO ₄ / TDS							
I-S 447.0 1730.03 20.00 1721.01 17.21 No SAMPLE 10/31/06 $PH / Cr / Clo_4 / TDS$ I-T 47.80 1751.65 28.66 1722.99 NO SAMPLE 10/31/06 $PH / Cr / Clo_4 / TDS$ I-U 47.60 1752.16 41.67 1710.49 6.75 16.80mS/cm 10-31-06/5:42 $PH / Cr / Clo_4 / TDS$ I-V 47.70 1752.13 31.33 1720.80 7.25 13.49mS/cm 11-1-06/9:52 $PH / Cr / Clo_4 / TDS$ I-Z 37.00 1743.78 34.00 1709.78 7.30 9.51mS/cm 11-1-06/9:52 $PH / Cr / Clo_4 / TDS$ Other wells (offsite) - - - - - - PC-37 43.08 1707.71 24.15 1683.56 7.41 8.73mS/cm 10-30-06/10:37 $PH / Cr / Clo_4 / TDS$ PC-71 33.23 1698.73 22.43 1676.30 7.36 9.46mS/cm 10-30-06/10:37 $PH / Cr / Clo_4 / TDS$ PC-72 39.54 1699.43 27.64 1671.79 7.39 8.31mS/cm 10-30-06/10:37 $PH / Cr / Clo_4 / TDS$	pH / Cr / ClO ₄ / TDS							
I-U 47.60 1752.16 41.67 1710.49 6.75 16.80mS/cm 10-31-06/5:42 pH / Cr / ClO ₄ / TDS I-V 47.70 1752.13 31.33 1720.80 7.25 13.49mS/cm 11-1-06/9:52 pH / Cr / ClO ₄ / TDS I-Z 37.00 1743.78 34.00 1709.78 7.30 9.51mS/cm 11-1-06/9:52 pH / Cr / ClO ₄ / TDS PC-37 43.08 1707.71 24.15 1683.56 7.41 8.73mS/cm 10-30-06/11:16 pH / Cr / ClO ₄ / TDS PC-37 43.08 1707.71 24.15 1683.56 7.41 8.73mS/cm 10-30-06/10:37 pH / Cr / ClO ₄ / TDS PC-54 34.60 1704.42 15.13 1689.29 7.26 7.39mS/cm 10-30-06/10:37 pH / Cr / ClO ₄ / TDS PC-71 33.23 1699.43 27.64 1671.79 7.39 8.31mS/cm 10-30-06/10:49 pH / Cr / ClO ₄ / TDS PC-73 49.44 1699.49 30.26 1669.23 7.34 8.29mS/cm 10-30-06/10:49 pH / Cr / ClO ₄ /	pH / Cr / ClO₄ / TDS							
I-S 47.70 1730.93 20.90 1721.91 17.11 0.00000000000000000000000000000000000	pH / Cr / ClO ₄ / TDS							
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ACTUAL

Wells sampled:	91	Number of Wells to be Sampled:	95
Duplicates:	5	Number of Duplicate Samples (5%):	5
Field Blanks:	1	Number of Field Blanks (1 per Qtr):	1
Equipment Blanks:	2	Number of Equipment Blanks (2 per Qtr):	2
Total Samples Collected:	99	Total Number of Water Samples to be Collect:	103
DTW Only:	6	Number of wells where water levels measured only:	2
Wells Visited:	97	Total Number of Wells to visit:	97

CHAIN OF CUSTODY RECORD

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MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

· · · · · ·	SAMPLES CHECKED/LOGGED IN BY:	EIPT AT LAB:	FROZEN PARTIALLY FROZEN THAWED		FOR ANALYSES [(check for yes)	ANALYSES REQUIRED (mark an 'X' In all tests required for each sample line)	SAMPLER	See Bolije Orden	Bottles	H Bottles	2 Bottles	L Bottles	Bottles	Electrical Electrical Electrics	Bottles	Pottes	P Bottles	Definition of the politics	Bottles	Bitter	Reported by V SO = Soll SL = Sludge	COMPANYITTLE DATE TIME	Veolia Water NA for Tronox LLC - Henderson Plant 2000 12:00PM			PAGE 1 of 1	
1993 1999 (A) - A (A) - A) - A (A) - A	SAMPLES CHEC	SAMPLE TEMP, RECEIPT AT LAB:	BLUE ICE:		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	ANALYSES REQUIRED (ma		CFO3 3029 MO3 3029 CEAN 5439 CFO4 LDS bH 3040 CE 9040	X X X X	XX x x x x	X X X X X	x x x x X X	x x x x	x x x x X X	x x x x x	X X X X X X	x x x x x	X X X X X X X X X X X X X X X X X X X	X X X X X	x x x x x	und Water CWW = Chlorinated Waste Water iace Water WW = Other Waste Water SW = Storm Water	COMP	Veolia Water NA f				· · · · · ·
	TS:						- Henderson Plant NV 89009	• ХІЯТАМ ВАЯВ ФМОЭ	RGW X	RGW X	RGW X	RGW X	RGW X .	RGW X	RGW X	RGW X	. RGW X	RGW X	RGW X	RGW X .	r RGW = Raw Ground Water RSW = Raw Surface Water	PRINT NAME	Michele Brown				: 4
141	CA 91016 LOGIN COMMENTS:				PROJECT JOB # I P.O.# Quarterby Groundwater Sampling	Schedule B	Tronox LLC PO Box 55 Henderson,	IDENTIFIER, STATE ID#	R-123	PC-124	PC-135	PC-126		40-128	PC-129	66.130	1	R- 132	m-96	m-95	Reported by Volume: CFW = Chlor(am)Inated Finished Water FW = Other Finished Water	IURE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
	750 Royal Oaks Ave, Sulte 100, Monrovia, CA 91016	(626) 386-1100 (800) 566-5227		TO BE COMPLETED BY SAMPLER:	COMPANY / PROJECT NAME	8	Sempler Mithele Brown My WW LL DOWN Susan Crowley (702) 651-2234	ATE	556 10-32-de	(2)4 10,30-06	(2210-30-be	642 (0-30/06	657 10-30 06	M1410-30-106	736 1030 26	M54 10-20-066	811 Nor30-log	827 10-30-06	859 10-30-06			SIGNATURE	RELINGUISHED YY MALLOR	RELINQUISHED BY:	RECEIVED AV.	C-C-C# sinc052002	

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CHAIN OF CUSTODY RECORD

			THAWED	1	(check for yes)	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	Sate of the second	Comments	3 Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	Bottles	<u>Reported by Weight:</u> so = soil	SL = Sludge	DATE TIME	10-30.06 12			(
	1		PARTIALLY FROZEN			ulred for															,			rson Pla				
) IN BY:	-AB:	PARTIAL		YSES	ests reqi																		- Hende				,
	SAMPLES CHECKED/LOGGED IN BY:	SAMPLE TEMP, RECEIPT AT LAB:	Í		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	X' in all t		۵ ۱۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	-												CWW = Chlorinated Waste Water	ter	1E	Veolia Water NA for Tronox LLC - Henderson Plant				
1	CKED/	, RECEI	FROZEN		DER FO	nark an '		See Bolle Order													Ited Was	= Other Waste Water= Storm Water	COMPANYITTLE	for Tror	•			
******	ES CHE	e temp	щ		TLE OR	JIRED (n		CFO3 8029 													Chlorina	= Other Waste = Storm Water	COL	later NA				
	SAMPL	SAMPLI	BLUE ICE:		ID BOT	ES REQI		CEVI 7196	\mathbf{X}												= MMC)≡ MS		/eolia M				
					TACHE	NALYSI		CLO4	×	×	×	×	×	×	×	×	×	×	×	×								
					TO AT	×	•	SCL	×	×	×	×	×	×	×	×	×	×	×	×	L.	ត						
					REFER			PH 9040 CK 6010	×××	X X	× ×	X X	× ×	× ×	× ×	× ×	× ×	× ×	× ×	× ×	Ind Wate	sce Wate		`			ц (
						L		СОШЬ										<u></u>			aw Grou	aw Surfe	PRINT NAME					
********	I							8489	×	×	×	·×	×	×	×	×	×	×	×	×	RGW = Raw Ground Water	RSW = Raw Surface Water	PRIN	Michele Brown				
*****							i Plant	* XIFTAM	RGW	RGW	RGW	RGW	RGW	RGW	RGW	RGW	RGW	RGW	RGW	RGW	œ	22	T	Miche				4 - a - anna - annaga
	6 LOGIN COMMENTS:				PROJECT JOB # / P.O.# Quarterty Groundwater Sampling	88	BA BUN Tronox LLC - Henderson Plant Henderson, NV 89009	IDENTIFIER, STATE ID#	FB-1								• • • • • • • • • • • • • • • • • • •			•	<u>Reported by Volume:</u> CFW = Chlor(am)inated Finlshed Water	= Other Finished Water		, marg				And and a second
	a, CA 9101				PROJEC Quarter	Schedule B	Byg												_		Reported by Volume: CFW = Chlor(am)Inated		SIGNATURE	Pel				
	/ JU KOYAI UAKS AVE, SUILE TUU, MONFOVIA, CA 91016	(800) 566-5227	-	AMPLER:	51E		chele Brown WYNNNUle ey (702) 651-2234	LOCATION	0											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	FW	ć	Nallel				ور و محمد و در الم
(Uaks Ave,	-1100		TO BE COMPLETED BY SAMPLER:	COMPANY I PROJECT NAME	EE-MP	Michele Brown Miley	DATE	10-20-01												* MATRIX TYPES:				(ED 8Y:	×		-s.tic052002
	rou roya	(626) 386-1100		TO BE COM	COMPANY /	81	Sampler Mich	TIME	215												* MATRL			RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:		C-O-C# s.tic052002

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CHAIN OF CUSTODY RECORD

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750 Royal O:	aks Ave, Sulte	750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016	31016 LOGIN COMMENTS;		1		•		1	SAMF	LES C	HECKE	D/LOG	SAMPLES CHECKED/LOGGED IN BY:	3Y:			
(626) 386-1100		(800) 566-5227							· :	SAMP	LE TEI	MP, RE	CEIPT /	SAMPLE TEMP, RECEIPT AT LAB:				
		•								BLUE ICE:	ii OEi	Ħ	FROZEN		PARTIALLY FROZEN		THAWED	
TO BE COMPLE	TO BE COMPLETED BY SAMPLER:	2																
COMPANY / PROJECT NAME	JECT NAME		PROJECT JOB # 1 P.O.# Quarterly Groundwater Sampling				REFE	R TO A	UTTACE	LED BC		ORDER	FOR A	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	SS	ii	(check for yes)	or yes)
00	-MP	Sch	Schedule B						ANALY	SES RE	QUIREL) (mark	ni X' ne	all tests	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	ach sam	ple line)	
Sumpler Mich		hele Grown (702) 651-2234	Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009	n Plant														SAMPLER
TIME	ATE	LOCATION		* XUATAM	EANO	сожь	CK 6010	0406 Hq	CLO4 TDS	9617 IVAD	9506 EON	See Bolle Order CLO3 9056						Comments
(600)	0-21-06		ノート	RGW	×		×	× ×	×								2	 Bottles
11.02	19-12-01		7-R	RGW	×		×	X X	×								20	Bottles
(@15/10	90-12-01		J-B	RGW	×		×	× ×	×								10	R Bottles
w41 h	10-31-66		J-AR	RGW	×.		×	x x	×		•						10	2 Bottles
				RGW	×		×	X X	X				•					Bottles
•				RGW	×		×	x x	×									Bottles
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* MATRIX TYPES:	IYPES:	<u>Reporte</u> CFW = CI FW = O	Reported by Volume: CFW = Chlor(am)Inated Finished Water FW = Other Finished Water	۴	RGW = RSW =	RGW = Raw Ground Water RSW = Raw Surface Water	ound M rface M	/ater /ater		CWW WW SW	= Chic = Othe storr	 Chlorinated Waste Other Waste Water Storm Water 	CWW = Chlorinated Waste Water WW = Other Waste Water SW = Storm Water	Vater		Rep(SO = SL =	Reported by Weight <u>.</u> SO = Soil SL = Sludge	ight:
		SIGNATURE			đ	PRINT NAME	j.,					COMPAN	COMPANYITTLE				DATE	TIME
relinquished BT: Received BY:		rehele 1	Brown	MK	Michele Brown	UMC		,		Veolli	a Water	NA for	Tronox	H- JI	Veolia Water NA for Tronox LLC - Henderson Plant	<u>}</u> 0	90-18-1	12:00PM
DET MOLITEUED DV																		
RECEIVED BY:							1											***
CO C#							j n									-		

PAGE 1. of 1

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CHAIN OF CUSTODY RECORD

(702) 651-2234 Henderson, NV 89009		SAMPLES CHECKEDILOGGED IN BY: SAMPLES CHECKEDILOGGED IN BY: SAMPLE TEMP, RECEIPT AT LAB: BLUE ICE: FROZEN ANALYSES HELUE ICE: FROZEN ANALYSES FROZEN FOR ANALYSES FROZEN ANALY			TS: 2000	Mukas use Incomoting for a figure for the figure for a figure f	lite 100, Mon (800) 566-52 (2) 551-2234 (2) 551-2234 (2) 551-2234 (2) 551-2234 (2) 551-2234 (2) 551-2234 (2) 551-2234	750 Royal Oaks Av (626) 386-1100 (626) 386-1100 KERRINGGEE-MP Sampler Ind Sampler Ind Sampler Ind Susan Crowley Sampler Ind 5333 by 21/by 5333 by 21/by 5333 by 21/by 5333 by 21/by 553 by 21/by 554 by 21/by 554 by 21/by 554 by 21/by 555 by 21/by 562 by 21/by 57 by 2
Till LOCATION IDENTIFIER, STATE LIJE MARTIN								RELINQUISHED BY:
In LocATION IDENTIFIER, STATE LIVE (11) (11) (11) (11) (11) (11) (11) (11								RELINOUISHED RV
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DATE LCOATION DEMTREER, STATE LUB MARTELIA	or + Okuya	SW = Storm Water						
DTE LOCATION IDENTIFIER, STATE LIVE MAX LOCATION IDENTIFIER, STATE LIVE MAX LOCATION IDENTIFIER, STATE LIVE MAX <	SC = COURSE	WW = Other Waste Water	rface Water	RSW-= Raw Su	Ţ	Other Finished Water		
DATE LOCATION IDENTIFIER, STATE LIPE MAZIPOP See Biolile Old M22/06 M22/06 M24-P RGW X <t< td=""><td>SO - SAI</td><td>CWW = Chlorinated Waste Water</td><td>ound Water</td><td>RGW = Raw Gr</td><td>Water</td><td>Chlor(am)Inated Finished 1</td><td>CFW</td><td></td></t<>	SO - SAI	CWW = Chlorinated Waste Water	ound Water	RGW = Raw Gr	Water	Chlor(am)Inated Finished 1	CFW	
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TO BE COMPLETED BY SAMPLER:																	
COMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling			£.	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	0 ATTA	CHED	BOTTL	E ORD	ER FOR	ANAL	/SES				(check for yes)	<u> </u>
~ I	Schedule B					ANA	LYSES	REQUIF	ED (ma	rk an 'X	In all te	inpar sta	ed for e	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	ole line)		Τ
Sampler Michae Brown MARALLL Dr. O Susan Growley (702) 651-2234	Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009	n Plant				· · ·											
TIME DATE LOCATION	IDENTIFIER, STATE ID#	• XIATAM	СОЖР	CB 6010	0406 Hq	SQT	CKN 1196 CLO4	9906 EON	CFO3 8026	ree Bottle Order						SAMPLER Comments	× 8
00-2-11 0601	M-100	RGW	×	×	×	×	×	Ļ								Bottles	15
105011-2-06	m-84	RGW	×	×	×	×				 							13
1105 11-2-060	M-31	RGW	×	×	×	×	×	X	×							U C Bolles	sa
111411-2-060	M- 35	RGW	×	×	×	×	×	X	X						- -		s
11-2-06	MD-1	RGW	×	×	×	×	×	5		<u> </u>	ļ				9		8
02-6-11	RD-2	RGW	×	×	×	×	X ×				-				/ W ,	- Jo Bottes	8
		RGW	×	×	×	×	×								1	Bottles	8
		RẩW	×	×	×	×	×						ļ			Bottles	8
		RGW	· ×	<u>×</u>	×	×	×									Bottles	8
		RGW	×	×	×	×	×							 		Bottles	8
		RGW	×	×	×	×	×				 					Bottles	sa
	•	RGW	×	×	×	×	×									Bottles	- saj
* MATRIX TYPES; <u>Redor</u> GFW = FW =	Reported by Volume: CFW = Chlor(am)Inated Finished Water FW = Other Finished Water	Ϋ́ΥΫ́ΥΫ́Υ	RGW = Raw Ground Water RSW = Raw Surface Water	/ Ground	l Water 9 Water		CWW WW SW	× = = = = = = = = = = = = = = = = = = =	= Chlorinated ¹ = Other Waste = Storm Water	CWW = Chilorinated Waste Water WW = Other Waste Water SW = Storm Water	Water	•		Reported by SO = Soil SL = Sludge	Reported by Weightt So = Soil SL = Sludge	Velaht:]
SIGNATURE	RE		PRINT NAME	IAME ⁻					COMP/	COMPANY/TITLE	i				DATE	TIME	щ
RECEIVED BY: M. L. R. L. Q. Q.	Brown	Miche	Michele Brown		•		Veo	la Wate	sr NA fo	r Tronox	- OLL	Veolla Water NA for Tronox LLC - Henderson Plant	n Plant		2000	12	Wd
Relinquished by:																	
REGEIVED BY:				1													(
C-O-C#															H		

CHAIN OF CUSTODY RECORD

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			THAWED		(check for yes)	ole line)	AANDI FE	Comments	2 Bottles	2 Bottles	2 Bottles	2 Bottles	2. Bottles	2 Bottles	2 Bottles	Bottles	Bottles	Bottles	. Bottles	Bottles	Reported by Welght:	SO = Soll SL = Sludge	DATE TIME	6 12			(
	ED IN BY:	T LAB:	FROZEN PARTIALLY FROZEN TH		IALYSES [ANAL YSES REQUIRED (mark an 'X' in all tests required for each sampie line)		· · ·																			
	SAMPLES CHECKED/LOGGED IN BY:	SAMPLE TEMP, RECEIPT AT LAB:	BLUE ICE: FROZEN		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	ES REQUIRED (mark an 'X' In a		See Boille Order CLO3 9056 NO3 9056 CRVI 7196			-	•					•					CWW = Chlorinated Waste Water WW = Other Waste Water SW = Storm Water	COMPANY/TITLE	Veolla Water NA for Tronox LLC - Henderson Plant			
*********					REFER TO ATTACHE	ANALYSI		CFO 1 LD2 bH 3040 CK 6010	X X X X	X X X X	X X X X	X X X X	× × × ×	X X X X	x x x x	X X X X	X X X X	× × × ×	× × × ×	X X X X	•	RGW = Raw Ground Water RSW = Raw Surface Water	ME [.]	•••••			(
							son Plant J9	• XIRTAM BARD 9MD	RGW X	RGW X	RGW X .	RGW X	RGW X	RGW X	RGW X	RGW X	RGW X	RGW X	RGW X	RGW X .		RGW = Raw (RSW = Raw 5	PRINT NAME	Michele Brown			f
	A 91016 LOGIN COMMENTS:				PROJECT JOB # / P.O.# Quatlety Groundwaler Sampling	Schedule B	OLUN Tronox LLC - Henderson Plant PLUN PO Box 55 Henderson, NV 89009	IDENTIFIER, STATE ID#	M. J.J.	M-89	M-17A	N- 16	m - 45	M-115	M-144		-			•	Reported by Volume:	CFW = Chtor(am)Inated FinIshed Water FW = Other FinIshed Water	IRE .	DAM RU	·		
	i Ave, Si	0 (800) 566-5227	•	ed by sampler:	IECT NAME	WP	Michele Brown Muchule DNUM wiley (702) 651-2234	ATE	-3-06	-3-06	-3-66	-3-06	-3-06	1.1-3-06	-3-06							CFW =	SIGNATURE	MALALL		BY:	
	750 Royal Oal	(626) 386-1100		TO BE COMPLETED BY SAMPLER:	COMPANY / PROJECT NAME	Ō	Sampler Michele Brow	D	-1) حار فكم				13311-	<u> </u>	RO3				-		MATRIX TYPES:			RELINQUISHED BY	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY;

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Page 1 of 30943	1	Billing Address LC 1049 MI 48150	Quote#	Important Comments	PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4	TAKES 3-4 DAYS second quarter only	NOTIFY LAB AS SOON AS CR-VI COMES IN - 24HR ht	TDS count increased to 101 effective 6/16/06		
	Period	BIIII Tronox J.L.C P.O. Box 3049 Livonia. MI 46	#NU				DIST CONTRACTOR			
Sottle Oro	 Client Code KERRMCGEE-MP Project Code PLO# / Job# Week 1 Blanket PO 	r with your samples send Report to kLLC.Henderson Plant x55. Ison. NV. 89009	ATTN: Susan Crowley PHONE: 702-651-2234 FAX: 702-651-2310 Bottles-Qty for each sample, type & preservative if any	50ml poly acid rinsed + 1ml HNO3 (18%)	AWBERIR	A DE LE RECENTION DE SERVAIVOS HUR IERDINIS TIMETITO EN CONTRACTOR EN CONTRACTOR EN CONTRACTOR EN CONTRACTOR EN 00001000/10010550041004846666666666666666666666666666666	om dolved dolmarka service service and the service service service service service service service service serv Om dolved dolved dolved service service Service service			et Oty of Coolers Tracking Number Prepared By
MWH Laboratories, a Division of MWH Americas, Inc. Bottle Orde 750 Royal Oaks Avenue Sulte 100 Monrovia CA 91016 (528) 386 1400 FXX 1000 510 510	Andrew.Eaton Your MWL Project Manager (626).388.1.125 Direct Phone/Voice Mail	5 Kentral RS 0 Sh Tronox LLC Gate 1 8000 West L Henderson,	ATTN: Susan Crowley.	alista di suomenen di suomenen di suomenen di suomenen di suomenen seconda di suomenen de suomenen de suomenen Suomenen di suomenen di suomenen di suomenen di suomenen di suomenen seconda di suomenen seconda di suomenen di						
T50 Roy Monrovia		SO# 3094. Created by ADE Order bate Order bate Date Needed by Client	Date Samples to Arrive at MWL Signal Connor # of Samples	101 CR6010	10177 01004 ECO 10177 01004 ECO 105245 00 EV/17/1965				ActiveCode Sta	

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od		Billing Address Kerr.McGee.Henderson.Plant P.O. Box.55 Henderson. NV 89009	Quote# Important Comments	This is a quarterly sample for the "M-10 by the NPDES permit	NO BLUE ICE NEEDED - CLIENT USING WET ICE TO COOL BOTTLES	CLIENT CODE CHANGED	changed 12/8/05- dropped Cu, Mo, F as per new permit and changed metals to all ICP	
Q Quarterly Period		Billing Addres Kerr.McGee.Henderso P.O.Box.55 HendersonNV.89009	#NU #VU	UN2031				
I Client Code KERRMCGEE-MP Q Quarterly Perio	Project Code CLO4 PO# / Job# Blanket PO this Paper with your samples	Send Report to Kerr McGee Henderson Plant P.O.Bax 55. Henderson, NV 89009	ATTN: Susan.Crowley PHONE: 702-651-2234. FAX: 702-651-22310 y for each sample, type & preservative if any	nsed + 1ml HNO3 (19%)	H2SO4 (50%)			Soolers Tracking Number
otanung	ise Return t	Ship Sample Kits to ee t Lake Mead Drive n, NV 89015	n Susan Crowley	1 250mi poly acid rinsed +	1 250 mi poly+ 1 mi H2SO4 (50%)			ed Carrier Qty of Coolers
750 Royal Oaks Avenue Suite 100 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124	Your MW Direct Ph	Kerr McG 8000 Wes Henderso	ATTN: PHONE: Tests	CR, MN, FE, B	IS NOT			Date Shipped
T50 Royal	Andrew Eaton (626).386.1125 SO# 32046 6529	Created by Order Date 09/11/06 Date Needed by Client	Date Samples to Arrive at MWL SHIPLOCATION # of Samples	1 CR, MN, FE, B				ActiveCode



Groundwater Field Log

This Section Contains:

Water Sampling Field Logs

VEOLIA WATER NORTH AMERICA PO BOX 90578 Henderson, NV 89009 Tel 702-566-3521 / Fax 702-566-9030 www.Veoliawaterna.com



	Water Sampling Field Log	Well No.:	I- AR
Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA		
	own, James Winge, Eric Crawford	Date:	10-31-06
Sampling Method:	Sample taken from spigot on treatment system discharge li	ne	
Weather Conditions:	0006		
Well Information:			
Total Well Depth:	<u>45,00 feet</u> Time: <u>639</u>		
Depth to Water:	29107 feet		
Height of Water Column (L): 15.93 feet		
Field Measurements:			
Specif Time Conducti		erservations	5
<u>le40 9.09</u>	n <u>S 23.2°C 715</u>	clear)
ŧ	4		ť
Sample Appearance: Sample Collection -	Time Start: Time Finished:	641	-
Analyses: pH / CLO4 Bottles: 2 Bott	/ CR / TDS		

	Water Sampling Field Log	Well No.: 1- B
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAD	
	own, James Winge, Eric Crawford	Date: 10-31-06
Sampling Method:	Sample taken from spigot on treatment system discharge	e line
Weather Conditions:	<u>cool</u>	
Well Information:		
Total Well Depth:	45.70 feet Time: 611	
Depth to Water:	33.06 feet	
Height of Water Column (L)	: 12.64 feet	
Field Measurements:		
Specifi Time Conductiv		berservations
<u>le12 7.100</u>	AS 23.100 7.18 mB	Clear
f		
Sample Appearance:	plan	1.15
Sample Collection -	Time Start: 615 Time Finished:	
Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bott</u>	/ CR / TDS es	

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W	ater	Sam	pling	Fiel	d	Log
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Well No.:	<u>+ C</u>
Well No.:	<u>- C</u>

Project No.:	Site: TF	ONOX LLC- HENDER	SON, NEVADA				
Sampling Team: Michele Bro	wn, James Winge, E	Eric Crawford	Da	te: 10-31-06			
		spigot on treatment sys	tem discharge line				
Weather Conditions:	ROC	<u>h</u>					
Well Information:							
Total Well Depth:	43.80 feet	Time:	202				
Depth to Water:	32.81 feet						
Height of Water Column (L):	099 feet						
Field Measurements:							
Specific Time Conductiv		rature pH	Oberse	rvations			
603 10.35	<u>ns 22</u>	3" 1.25		j light yellow			
Comple Appearance:	ł	1eru	light 4	llow			
Sample Collection -	Sample Appearance.						
Analyses: pH / CLO4 / Bottles: 2 Bottle	CR / TDS		_				

.

	Water Sampling Fie	eld Log	Well No.:	1- D
Project No.:	Site: TRONOX LLC-	HENDERSON, NEVA	DA	
	own, James Winge, Eric Crawford		Date:	10-31-06
Sampling Method:	Sample taken from spigot on trea	tment system discharg	e line	
Weather Conditions:	COOL			
Well Information:				
Total Well Depth:	47.70 feet	Time: 600		
Depth to Water:	28.94 feet			
Height of Water Column (L): 18,16 feet			
Field Measurements:				
Specif Time Conducti		рН	Oberservatior	S
601 10,74	MS 22.700	<u>M.16</u>	light	yellow
ŀ			٢	
Sample Appearance: Sample Collection -	Time Start: 1002	Light ye Time Finished	1.60	
Analyses: pH / CLO4 Bottles: 2 Bott	/ CR / TDS les			

Water Sampling Field Log

Water Sampling Field Log	Well No.: <u>I- モ</u>						
Project No.: Site: TRONOX LLC- HENDERSC	ON, NEVADA						
Sampling Team: Michele Brown, James Winge, Eric Crawford	Date: 10-31-06						
Sampling Method: Sample taken from spigot on treatment system	m discharge line						
Weather Conditions:							
Well Information:							
Total Well Depth: 4,10 feet Time: 55	53						
Depth to Water: -43.83 feet							
Height of Water Column (L): 2,87 feet							
Field Measurements:							
Specific Time Conductivity Temperature pH	Oberservations						
<u>554 11.24 mS 22.8° 6.89</u>	Very light yellow						
Sample Appearance: Jery Light Sample Collection - Time Start: 555	E Finished: 555						
Analyses: pH / CLO4 / CR / TDS Bottles: 2 Bottles							

Comments:

2

	Water Sampling Fi	ield Log	Well No.:	<u>- F</u>				
Project No.:	Site: TRONOX LLC	- HENDERSON, NEVAD	DAA	- N <i>i</i>				
	own, James Winge, Eric Crawford	1	Date:	10-31-06				
Sampling Method:	Sample taken from spigot on treat	atment system discharg	e line					
Weather Conditions:	<u>.</u>							
Well Information:								
Total Well Depth:	45.80 feet	Time: <u>579</u>						
Depth to Water:	26.02 feet							
Height of Water Column (L	Height of Water Column (L): 19.78 feet							
Field Measurements:	:							
Specif Time Conducti		рН С	Oberservation	IS				
550 14.80	<u>Ams 23.0°C</u>	<u>(1.99</u>	yerro.	ω				
ŧ			٠					
	U	61/00						
Sample Appearance:		Time Finished	551	_				
Sample Collection - Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bott</u>	/ CR / TDS							

J

1	Water Sampling Field Log	Well No.: <u>I- ᠿ</u>
Project No.:	Site: TRONOX LLC- HENDERSON, N	
Sampling Team: Michele Br	own, James Winge, Eric Crawford	
Sampling Method:	Sample taken from spigot on treatment system disc	charge line
Weather Conditions:	cool	
Well Information:		
Total Well Depth:	42.100 feet Time:	- 1 0
Depth to Water:	28.80 feet	NO THE
Height of Water Column (L	$\frac{28.80}{13.80} \text{ feet} \qquad \qquad$	0/5
Field Measurements:		
Specif Time Conducti		Oberservations
		•
	·	
Sample Appearance:		
Sample Collection -	Time Start: Time Fir	nished:
Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bot</u>	/ CR / TDS tles	

	Water Sampling Fie	ld Log	Well No.:	- Т-H
Project No.:	Site: TRONOX LLC-	HENDERSON, NEV	ADA	
Sampling Team: Michele Brow	vn, James Winge, Eric Crawford		Date:	10-31
Sampling Method:	Sample taken from spigot on treat	ment system dischai	ge line	
Weather Conditions:	LOOL			
Well Information:	4(0.50) feet	Time: <u>539</u>		
Total Well Depth:				
Depth to Water: 33.71	feet			
Height of Water Column (L):	12.79 feet			
Field Measurements:				
Specific Time Conductivi		рН	Oberservation	IS
5:40 16MOV	<u>S 23.7°°</u>	Le.83	Gellon	J
	•			ŧ
Sample Appearance:		yellow		
Sample Collection -	Time Start: <u>541</u>	U Time Finish	ed: <u>54]</u>	_
Analyses: pH / CLO4 / Bottles: 2 Bottle	CR / TDS			

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	Water Sampling Field Log	Well No.:	<u>+</u> T
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA	
	own, James Winge, Eric Crawford	Date:	11-1-06
Sampling Method:	Sample taken from spigot on treatment system discharg	ge line	·
Weather Conditions:	rool		
Well Information:			
Total Well Depth:	<u>44.20 feet</u> Time: <u>107.00</u>		
Depth to Water:	24,14 feet		
Height of Water Column (L)):feet_		
Field Measurements:			
Specifi Time Conductiv		Oberservation	3
10201 13.011	ns <u>M.18</u> <u>24.0°</u> <u>1</u>	follow	
Sample Appearance: Sample Collection -	Time Start: 1002 Time Finished	: 1002	
Analyses: <u>pH / CLO4 /</u> Bottles: <u>2 Bottl</u>	/ CR / TDS		
Comments:			

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Water Sampling Field Log

Well No.: <u>I- J</u>_____

Project No.:	Site: TRONO)	K LLC- HENDERSON, NE	EVADA	
Sampling Team: Michele Br	own, James Winge, Eric Cra	awford	Date:	11-1-06
Sampling Method:	Sample taken from spigot		harge line	-
Weather Conditions:	1001			-
Well Information:				
Total Well Depth:	44,50 feet	Time: <u>9448</u>		
Depth to Water:	42,15 feet			
Height of Water Column (L)	:feet			
Field Measurements:				
Specifi Time Conductiv		e pH	Oberservatio	ns
949 682.	ms 33.3°	<u>M.28</u>	<u>light y</u>	ellow denge
	٠			• •
		libert wall	it ca	
Sample Appearance:		<u> </u>	hed: <u>950</u>	-A
Sample Collection -	Time Start:			_
Analyses: <u>pH / CLO4 /</u> Bottles: <u>2 Bottles</u>				

Comments:

:	Water Sampling Field Log	Well No.: I-	. <u>K</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAD	Α	
	own, James Winge, Eric Crawford	Date:	1-1-06
Sampling Method:	Sample taken from spigot on treatment system discharge	line	
Weather Conditions:	Lool		
Well Information:			
Total Well Depth:	3).10 feet Time: 938		
Depth to Water:	34.33 feet		
Height of Water Column (L)	feet		
Field Measurements:			
Specifi Time Conductiv		perservations	
9:39 Lisem	<u>S 23, 2°C M.34</u>	leav.	
	•		٠
Sample Appearance:		940	
Sample Collection -	Time Start: 940 Time Finished:		
Analyses: pH / CLO4 / Bottles: 2 Bottle			

1	Water Sampling Field Log	Well No.: I-			
Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA	·			
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 10-31-06			
Sampling Method:	Sample taken from spigot on treatment system discharge li	ne			
Weather Conditions:	<u>fool</u>				
Well Information:					
Total Well Depth:	4340 feet Time: LOQ				
Depth to Water:	25.63 feet				
Height of Water Column (L): <u>「ヿ.ヿヿヿ feet</u>					
Field Measurements:					
Specific Time Conductivi		rservations			
607 8.89 r	<u>nS 23.2°C 6.96 (</u>	Juar			
÷	6				
Sample Appearance:	Clear				
Sample Collection -	Time Start: (009 Time Finished: (209			
Analyses: pH / CLO4 / C Bottles: 2 Bottles					

;		Water Sampling Fi	eld Log	Well No.: I- M
l	Project No.:	Site: TRONOX LLC-	HENDERSON, NEV	4DA
		own, James Winge, Eric Crawford		Date: 10-31-06
	Sampling Method:	Sample taken from spigot on trea	atment system discha	ge line
	Weather Conditions:	<u> </u>		
	Well Information:			
	Total Well Depth:	43,70 feet	Time: 556	
	Depth to Water:	29-85 feet		
	Height of Water Column (L)): 13.85 feet		
	Height of Water Column (c)	<u>, 100 1001</u>		
	Field Measurements:	:		
	Specifi Time Conductiv		рН	Oberservations
an an an an and an	551 10.94	4mS 22.9°C	7.01	light yellow
	Sample Appearance:		Land yell	<u>x</u> .J
	Sample Collection -	Time Start: <u>558</u>	Time Finishe	d: <u>558</u>
	Analyses: pH / CLO4 Bottles: 2 Bottl			
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Water Sampling Fiel	d	Log
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• .		Water Sampling	Field Log	Well No.:	<u>I- N</u>
Project No .:		Site: TRONOX LL	.C- HENDERSON, N	NEVADA	
Sampling Tea	m: Michele Brov	vn, James Winge, Eric Crawfo	ord	Date:	10-31-06
Sampling Met	hod: S	ample taken from spigot on t	reatment system dis	charge line	
Weather Conc	litions:	cool			
Well Inform	nation:				
Total Well De	pth:	41.70 feet	Time: <u>551</u>		
Depth to Wate	er:	29,12-feet			
Height of Wat	er Column (L):_	12,58 feet			
Field Meas	urements:				
Time	Specific Conductivity	Temperature	рН	Oberservation	S
552	12.32 m	<u>22.3°C</u>	<u>le.93</u>	<u>light</u>	yellow
Sample Appe Sample Colle	ction -) Time Start: <u>555</u>	<u>.gld yell</u> Time Finis	ర్రంచు shed: <u>553</u>	
Analyses: Bottles:	pH / CLO4 / Cl 2 Bottles				

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ż	Water Sampling Fie	ld Log	Well No.:	+. I-0
Project No.:	Site: TRONOX LLC-	HENDERSON, NEVA	DA	
	own, James Winge, Eric Crawford		Date:	10-31
Sampling Method:	Sample taken from spigot on treat	tment system discharg	je line	
Weather Conditions:	000			
Well Information:		-01		
Total Well Depth:	43,8D feet	Time: <u>531</u>		
Depth to Water:	-37,80 feet			
Height of Water Column (L):(4.00feet			
Field Measurements	:			
Specif Time Conducti		рН	Oberservatior	IS
532 14let	ms 21.5°C	6.56	yello	
t		t		
		uellow		
Sample Appearance: Sample Collection -	Time Start: 533	Time Finished	d: <u>535</u>	
	/ CR / TDS			

	Water Sampling F	ield Log	Well No.:	<u>- エ-P</u>	
Project No.:	Site: TRONOX LLC	- HENDERSON, NEV	ADA		·
	rown, James Winge, Eric Crawfor	d	Date:	10-31-06	<u></u>
Sampling Method:	Sample taken from spigot on tre		ge line		
Weather Conditions:	root				
Well Information:					
Total Well Depth:	44,80 feet	Time: 536			
Depth to Water:	41.80 feet				
Height of Water Column (L Field Measurements					
Speci Time Conduct		рН	Oberservations	5	
537 16124	MS 21. MOC	4.75	yello	W	
ŧ		ì			ŕ
Sample Appearance: Sample Collection - Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bot</u>	Time Start: 539	<u>Hellow</u> Time Finishe	ed: <u>539</u>	-	

	Wa	ater Sampling F	ield Log	Well No.:	<u>- Q</u>
Project No.:		Site: TRONOX LLC	- HENDERSON, NE		
Sampling Team: Michele Br				·	10-31-06
Sampling Method:	Sample take	en from spigot on tre	atment system disch	narge line	
Weather Conditions:	<u></u>	001			
Well Information: Total Well Depth: Depth to Water: Height of Water Column (L	<u>43.80</u> 29-28): 14.52		Time: <u>5:44</u>	2	
Field Measurements	*				
Speci Time Conduct		Temperature	рН	Oberservatio	ns
547 17.00	ems.	2611°C	la:96	light	yellow
Sample Appearance: Sample Collection - Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bot</u>	/ CR / TDS	Li e Start: <u>549</u>	<u>ght yel</u> Time Finis	LOW shed: <u>548</u>	

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	Water Sampling Field Log	Well No.: I- R
Project No.:	Site: TRONOX LLC- HENDERS	
	own, James Winge, Eric Crawford	Date: 10-31-06
Sampling Method:	Sample taken from spigot on treatment syste	m discharge line
Weather Conditions:	<u> </u>	
Well Information:		
Total Well Depth:	<u>45,30 feet</u> Time: <u></u>	209
Depth to Water:	34.23 feet	
Height of Water Column (L): <u>11.07 feet</u>	
Field Measurements:		
Specif Time Conduction		Oberservations
<u>(410 9:35</u>	oms 22.900 6.91	e <u>Olen</u>
Sample Appearance:		ne Finished:
Sample Collection - Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bott</u>	/ CR / TDS	

V	٧	ater	Sam	pling	Field	Log
---	---	------	-----	-------	-------	-----

:	Well No.: <u>I- S</u>									
Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA									
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 10:31-26								
Sampling Method:	Sample taken from spigot on treatment system discharge li	ne								
Weather Conditions:	cool									
Well Information:										
Total Well Depth:	47.70 feet Time: 604									
Depth to Water:	28. le 6 feet									
Height of Water Column (L): 19.04 feet										
Field Measurements:										
Specifi Time Conductiv		erservations								
605 8.69 m	5 22.700 7.27	clear								
	,	۲.								
Sample Appearance:	debi									
Sample Collection -	Time Start: 600 Time Finished:	606								
Analyses: pH / CLO4 / Bottles: 2 Bottle										

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	Water Sampling Field	Log	Well No.:	1- I -T
Project No.:	Site: TRONOX LLC- HE	NDERSON, NEVADA	4	
	own, James Winge, Eric Crawford		Date: _	10-31-06
Sampling Method:	Sample taken from spigot on treatme	ent system discharge	line	
Weather Conditions:	lool			
Well Information:				
Total Well Depth:	<u>41,80 feet</u> T	ime:		
Depth to Water:	28.Le & feet		\	
Height of Water Column (L)): 19.14 feet	ds say	Per	
Field Measurements:				
Specifi Time Conductiv		pH Oł	berservation	S
	ł			r.
Sample Appearance:				
Sample Collection -	Time Start:	Time Finished:		-
Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bott</u>	/ CR / TDS les			

	Wa	ater Sampling Fig	eiu Log	Well No.:	<u>I- U-</u>
Project No.:		Site: TRONOX LLC-	HENDERSON, NEV	ADA	
Sampling Team: Michele B				Date:	10-31-06
		n from spigot on trea		rge line	
Sampling Method:	<u>Oumpio take</u>	Cool			
Weather Conditions:					
Well Information:) et co		Time: <u>541</u>		
Total Well Depth:	47.60	feet			
Depth to Water:	41.67	feet			
Height of Water Column (I Field Measurements		<u>s feet</u>			
Speci Time Conduct		Temperature	рН	Oberservatior	IS
	OMS_	23.8° C	6.75	110/101	(
<u>5:42 [le.s</u>	<u> </u>	+	<u>(p. 1.)</u>	- genta	ŀ

	Wate	Well No.:	<u>- V</u>		
Project No.:	Si	te: TRONOX LLC-	HENDERSON, NEVA	ADA	
Sampling Team: Michele Br	own, James Wir	nge, Eric Crawford		Date:	11-1-06
Sampling Method:	Sample taken	from spigot on trea	tment system dischar	ge line	
Weather Conditions:	Co	ol	and the second		
Well Information: Total Well Depth: Depth to Water: Height of Water Column (L	3).33 r		Time: <u>10:03</u>		
Field Measurements	:				
Specif Time Conducti		Femperature	рН	Oberservatio	ns
1007 13.4	9m5_2	23.8°	7.25	yell.	ord t
Sample Appearance: Sample Collection - Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bot</u>	/ CR / TDS	Start: 1005	Gellow Time Finish	ed: <u>)005</u>	

Water Sampling Field Log

	Water Camping	Well No.: <u>I- Z</u>								
Project No.:	Site: TRONOX LLC- HENDERSO	N, NEVADA								
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 11-1-06								
Sampling Method:	Sample taken from spigot on treatment system	discharge line								
Weather Conditions:	cool									
Well Information:										
Total Well Depth:	<u>37.00 feet</u> Time: <u>95</u>	ia,								
Depth to Water:	34.00 feet									
Height of Water Column (L): 3.0 feet										
Field Measurements:										
Specifi Time Conductiv		Oberservations								
955 9151 M	<u>IS 23.4°C 7.30</u>	light yellow								
	6									
Sample Appearance:										
Sample Collection -	Time Start: 954 Time I	Finished: 956								
Analyses: <u>pH / CLO4 /</u> Bottles: <u>2 Bottle</u>										

Comments:

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A	ĥ		l	Vater Sampling	g Field Log		Well No.:	m-10)
	Project No.:			Site: TRONOX I	LC- HENDERS	SON, NE	VADA		
		am: Michele Br	own, James	n, James Winge, Eric Crawford			Date:	10-31-0)(0
:	Sampling Me		Electric Pu			lon Dedic	cated Bailer O	Ready Flo 2'	0
	Weather Con	ditions:	<u></u>)arm				•	
	Well Inform	nation:		-					
1	Total Well De	pth:	- (e9.4	feet	Time: <u>A</u>	50			
й н Т	Depth to Wat	-	48.7				Well	Purge	Purge
				Well D 2-in.	iameter (circle c 4-in.	6-in	Volume (WV)	Factor	Volume
	Height of Wa	ter Column (L)	: <u>20.43</u>	feet * 0.16 gal/ft	* 0.65 gal/ft * 1.4	47 gal/ft	= <u>30.4</u> gal.	<u>*3</u> =_	91
ł									
: :	Field Meas	surements: Cumulative		Depth Purging Fro	om: 2 ft. below dept	h to water			
	Time	Volume Purged	pН	Specific Conductivity	Temp		Observations	3	
).	1000				+			······	
	1025	20 gal	7.)]	4.04m5	24.5°	Ver	y Altyr	thy N	oudy.
	Loutet	لوں gal	<u>M.40</u>	4.01mS	<u>24.2°C</u>	cl	ear "	<u>ل</u>	
	HOD	91 gal	1.34	3.91ems	24.5°¢	U	lar		
- M.		gal		<u></u>			·····		
	·····	gal		. <u></u>					
		gal							
	Sample Appe								
	Sample Colle		Tim	e Start: 1104	Tim	ie Finishe	ed: 1104		
· .	Analyses:	pH / CLO4 /						_	
	Bottles:	2 Bottle			31	Bottles			
:				NO3 / Cl			TOTAL BOT	TLES: 5	
•	Comments:	AND.	bal						
-	Q	Mool	N Jed						
- t		COC	JZD ST						

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I	Water Samplin	g Field Log	Well No.:
Project No.:	Site: TRONOX	LLC- HENDERSON	I, NEVADA
Sampling Team: Michele B	Brown, James Winge, Eric Craw	vford	Date: 10-31-00
Sampling Method:	Electric Pump O Dedicate	ed Bailer O Non I	Dedicated Bailer O Ready Flo 2" @
Weather Conditions:	Warm		
Well Information:			
Total Well Depth:	58.00 feet	Time: 112	3
Depth to Water:	43.38 feet Well D	iameter (circle.one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L	2-in.	4-in. (6-in	
Field Measurements Cumulativ Volume Time Purged		om; 2 ft. below depth to v Temp	vater Observations
1130			
1139 22 gal 1155 42° gal 1273 63 gal gal gal	1.83 4.21 mS 1.84 4.23 mS 1.84 4.23 mS 4.17 mS	24.7°° Ver 25.1°° pa 24.2°° pa	y Alight yerlow fint me- lear
gal			
Sample Appearance: Sample Collection -	Time Start: <u>1215</u>	Time Fir	nished:)& 15
Analyses: pH / CLO4 / Bottles: 2 Bottle	CR/TDS p	H / CLO4 / CR6 / TI 3 Bottle	DS/CR
	Were <u>NO3 / CL</u> 2 bottles bottles	03	TOTAL BOTTLES: 5 Duf EC put Neadens here fallen

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				Water Samplin	g Field Log		Well No.:	M-124
	Project No.:			Site: TRONOX	LLC- HENDER	SON, NE	VADA	p
	Sampling Te	am: Michele Br	<u>own, Jame</u>	es Winge, Eric Crav	vford		Date:	11-1-06
	Sampling Me	ethod:	Electric P	ump Ø Dedicate		Von Dedic	ated Bailer O	Ready Flo 2 ^ª O
	Weather Cor	nditions:		cool	58° F			,
	Well Infor	mation:						
	Total Well De	epth:	50.00	<u>feet</u>	Time:	124		
	Depth to Wa	ter:	42.30	∑ feet ∽Well □	liameter (circle d	one)	Well Volume (WV)	Purge Purge Factor Volume
1	Height of Wa	iter Column (L):	M.64	2-in.	4-in. * 0.65 gal/ft * 1.4	6-in	= 1,22 gal.	1 -
	0	.,	4	······································			110-3-	
f t	Field Meas	surements:		Depth Purging Fre	om: 2 ft. below depti	h to water		
		Cumulative Volume		Specific				
	Time	Purged	рН	Conductivity	Temp		Observations	
	1127	<u> </u>	<u> </u>	<u> </u>	21.9°C	1 10)	i. \	
	113	<u>्र</u> gal	<u>n.82</u> n.76	9.14 mS 8,89 mS	22.900	yel	Low	
	1132	<u> </u>	7.71	8:80 mS	22.9°C	light		ÓW †
•		gal			<u> </u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CI MERI	
		gal						
:	••••••	gal			·			
				0.	. 0	[]		
	Sample Appe				ravit a	fer	$\frac{\partial \omega}{\partial \omega}$	4,
•	Sample Colle			e Start: 1134		e Finished	<u> </u>	
· · ·	Analyses: Bottles:	pH / CLO4 / C 2 Bottles			H / CLO4 / CR6	ottles		
:	Comments:	ER-D		NO3 / CL 2 bottles			TOTAL BOTT	LES: <u>5</u>
	Comments.	Jake	W W	٤١				
		NV.	NU?	5, VILLI				
			VC	HVB				

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	Water Sampling Field Log Well No.: M-14A
roject No.:	Site: TRONOX LLC- HENDERSON, NEVADA
ampling Team: Michele Br	own, James Winge, Eric Crawford Date: 11-3-06
ampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O
leather Conditions:	Cool
Vell Information:	
otal Well Depth:	Ha.40 feet Time: M52
epth to Water:	<u>32.08 feet</u> <u>Well Diameter (circle one)</u> <u>2-in. 4-in. 6-in</u> Well Purge Volume (WV) Factor
leight of Water Column (L)	$\frac{10.32}{\text{feet}} = \frac{1.65}{\text{gal.}} = \frac{1.65}{\text{gal.}} = \frac{3}{59}$
Field Measurements: Cumulative Volume Time Purged	
754	DUM 1/115 of 12100 0 DUIDAN
7.56 2 gal	<u>- 1.41</u> <u>- 7.43 MS</u> <u>Adul</u> <u>Collanavor</u>
<u>M59</u> 4 gal	
500 5 gal	1.40 4.42ms 2300 plightly plouely
gal	
gal	
gal	
Sample Appearance:	<u>Alightly cloudy</u>
Sample Collection -	Time Start: 802 Time Finished: 602
Analyses: pH / CLO4 / Bottles: 2 Bottl	es 3 Bottles
	<u>NO3/CLO3</u> <u>2 bottles</u> TOTAL BOTTLES: <u>2</u> TOTAL BOTTLES: <u>2</u> VOUNN 4.43 Q3.2°

		Wa	ter Sampling	Field Log	3	Well No.: M.IMA
Project No.:			Site: TRONOX L	_C- HENDE	RSON, NEVA	DA
Sampling Team: M	Aichele Bro	wn, James V	<u>Vinge, Eric Crawf</u>	ord		Date: <u>11-3-0Ce</u>
Sampling Method:		Electric Pum			Non Dedicate	ed Bailer O Ready Flo 2" O
Weather Condition		_	ool			
Well Informati	011;	2 11 (2)		Time:	631	
Total Well Depth:		<u>37.00</u> 33.04	feet	Time.		Well Purge Purge
Depth to Water:		03.04	the second s	ameter (circ 4-in.	e one) 6-in	Volume (WV) Factor Volume
Height of Water C	Column (L):	396	feet * 0.16 gal/it		* 1.47 gal/ft =	.63 gal. * 3 = 29 gral
Field Measure	ements: umulative		Depth Purging Fro	om; 2 ft. below	depth to water	
	Volume Purged	рН	Specific Conductivity	Temp		Observations
1038			41 35 57 77 F4	****) 1
640	gal	7.04	13.89 mS	19.7"	c_ifel	ounsh very cloudy
641 1	iS gal	7.04	14.42mS	21.0	_ yell	ou cleannag
(142 /	2 gal	nos	14.58 mS	21,49	yerlow) <u>olightly cloudy</u>
	gal	-		<u></u>		U U
	gal					
	gal					
	<u> </u>		8.0		01 01	
Sample Appear	ance:		yellow y	lery ×	Lighty Time Finished	1 loury
Sample Collecti	on -	Tim	e Start: <u>643</u>		•	
Analyses: p Bottles: (H-I-CLO4 / 2 Bottle)	pH / CLO4	/ CR6 / TDS / (3 Bottles	
Domes.			NO3 / C 2 bottl			TOTAL BOTTLES:

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)		VV	ater Samplin	g Field Lo	g	Well No.:	<u>M-18</u>	
Project No .:			Site: TRONOX	LLC- HENDI	ERSON, NEV	ADA		
Sampling Tea	im: Michele Br	own, James \	<u> Winge, Eric Crav</u>	vford		Date:	11-1-00	<u>o</u>
Sampling Met	hod:	Electric Pum	np O Dedicate	ed Bailer O	Non Dedica	ated Bailer O	Ready Flo 2	<u>" O</u>
Weather Con	ditions:		<u>1002</u>					
Well Inform	nation:							
Total Well De	pth:	29.80	feet	Time:)(:00			
Depth to Wate	er:	28.30	Veli C	Diameter (circ 4-in.	ble one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	ter Column (L):	1,50	<u>feet</u> * 0.16 gal/ft		* 1.47 gal/ft	= , at gal.	*3_=_	1. 10
Field Meas	Surements: Cumulative Volume Purged	рН	Depth Purging Fr Specific Conductivity	om: 2 ft. below Temp	depth to water	Observations		
<u></u>	gal							·
	gal		12)020	Const	dired			
	^t gal				dru:			
	gal				no Aa	mple -	aken	>
	gal			L-		-		
	gal				<u></u>			
Sample Appe	earance:							
Sample Colle	ection -	Time	Start:		Time Finished	1:		
Analyses: Bottles:	pH / CLO4 / 2 Bottle			oH / CLO4 /	CR6 / TDS / C 3 Bottles	<u>CR</u>	-	
			NO3 / C 2 bottle			TOTAL BOTT	rles:2	~

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Comments:

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l.	ŧ		W	ater Sampling	Field Log	Well No	-19
-	Project No.:			Site: TRONOX L	LC- HENDERS	SON, NEVADA	
)		n: Michele Bro	own, James '	Winge, Eric Craw	ford	Date:	11-1-06
:	Sampling Meth		Electric Pur			on Dedicated Bailer O	Ready Flo 2" O
	Weather Cond	itions:	••••••••••••••••••••••••••••••••••••••	cool			
· ·	Well Inform	ation:		<u></u>			
	Total Well Dep	oth:	41.20	feet	Time: <u>8</u>	:12	
	Depth to Wate	er:	35.72	<u>feet</u> ₩ell D	iameter (circle	Well one) Volume (WV	Purge Purge) Factor Volume
	Height of Wate	er Column (L)	5.48	feet * 0.16 gai/ft	4-in. * 0.65 gal/ft * 1	6-in	al. * <u>3</u> = <u>3</u> gal
							·
	Field Meas			Depth Purging Fr	om: 2 ft. below dep	th to water	
-		Cumulative Volume		Specific	Tomp	Observatio	ns
	Time	Purged	рН	Conductivity	Temp	003014440	
	846		 	3.78 mS	20.800	clear	· · · · · · · · · · · · · · · · · · ·
	848	gal	<u>- 1,80</u> .		21.200 -	clear	
3 · ·		<u>ට gal</u>	<u>1.52</u>	4159 ms	<u>21.3°</u>	cliar	ţ
	850	<u> </u>	<u>– 1.45</u>	531mS	21.700	aller	
	851	4 gal	<u> 7.39</u>	5.50 ms	21.9°C	clar	
a a subject to the	852	<u> </u>	_ 1.31	5,59 mS	<u> <u> </u></u>	CUL	
		gal					
	Sample App	earance:					
	Sample Coll	ection -	Tim	ne Start: 854	Ti	me Finished: <u>854</u>	
- 1	Analyses:	PH / CLO4 2 Bott	/ CR / TDS	\rightarrow —	pH / CLO4 / C	R6 / TDS / CR 3 Bottles	
1	Bottles:			<u>NO3 / (</u>			
		R		2 bott	les	TOTALE	OTTLES:
	Comments:	when.	Gr. a				
	f	Land and and and and and and and and and	$\mathcal{T}_{\mathcal{I}}$				
)	Da Bor	-				<i></i>
i	:			•.	. .		
		5				· · · · · · · · · · · · · · · · · · ·	

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Water Sampling Field Log				Field Log	Well N	o.: <u>M·</u>	32A
Project No.:			Site: TRONOX LL	.C- HENDERSO	N, NEVADA		
Sampling Team	n: Michele Bro	wn, James V	Ninge, Eric Crawfo	ord	Date:	11-3-1	26
		Electric Pump @ Dedicated Bailer O Non Dedicated B				Ready Flo 2	^H O
Weather Conditions:		100L 51°F					
Well Information:		<u></u>		1	í		
Total Well Depth:		36.92	, feet	Time: <u>6.</u> C	<u>)</u> 년		_
Depth to Water:		30,13	v_feetWell_Dia	ameter (circle on	Well e) Volume (W	Purge ∕V) Faclor	Purge Volume
Height of Wate	er Column (L):	6.49	(2-in.	4-in. 6 * 0.65 gal/ft * 1.47	l	gal. * <u>3</u> =	3 gal
Field Meas	urements: Cumulative		Depth Purging Fro				
Time	Volume Purged	рН	Specific Conductivity	Temp	Observat	ions	
605			15 10 - 18	18.900	Yellow		
$\underline{1000}$	l gal	<u>1,118</u>	15.10MS	21.100	in Haw		Anno an
611	<u>्रि</u> gal	$\frac{4.93}{1.91}$	15.60mS 15.64mS	22.20	Mellow		F
· 613	<u> 3 gal</u>	<u>(e.97</u>]	10. 4 (W.)		- gennes		
	gal						
	gal						
	gal	<u> </u>					
Sample Appe	earance:		A	<u>yeîlc</u>		Г.а.	
Sample Colle	ection -	Tim	ne Start: <u>() ()</u>		e Finished: <u><u><u>u</u></u></u>	<u> </u>	
Analyses: Bottles:	E/	LO4 / CR / TDS pH / CLO4 / CR6 / TDS / CR Bottles 3 Bottles					
NO3 / CLO3 2 bottles TOTAL BOTTLES:							

	1		V	ater Sampling	J Field Log		Well No.:	M-23
	Project No .:			Site: TRONOX I	LC- HENDEF	SON, NEVAL	A	
		n: Michele Br	own, James	Winge, Eric Craw	<u>rford</u>		Date:	10-30-06
	Sampling Meth		Electric Pu			Non Dedicate	d Bailer O	Ready Flo 2" O
	Weather Cond			am	M40F			
	Well Inform			0				
- 	Total Well Depth:		44.N	M feet	Time:	1:36		
	Depth to Water:		24.9	8 feet		-	Well	Purge Purge
	·			Well C	Diameter (circle 4-in.	6-in	Volume (WV)	Factor Volume
	Height of Wate	er Column (L): [9.44	feet * 0.16 gal/(t	* 0.65 gal/ft *	1.47 gal/ft =	JII gal	<u>* 3 = 9 gal</u>
	Field Meas			Depth Purging Fr	om: 2 ft. below de	epth to water	•	
		Cumulative Volume		Specific Conductivity	Temp		Observation	IS
:	Time	Purged	рН	Conductivity				
	110.1	2	<u></u> М.4М	5.5Lems	25.8°C	clea	ນ	-
	1142	$\frac{3}{\sqrt{2}}$ gal		5.50 mS	24.7°C	clea	J	
	11-12			5.33 mS	24.300		ar)	
	1177	<u> </u>						
		gal			-			
1 1		gal					-	
		gal			- <u> </u>	<u></u>		
	Sample Appe	erance:		0	lear			
÷.	Sample Colle	ection -	Tir	ne Start: <u>1145</u>	·T	Time Finished	<u> 1145 </u>	
	Analyses:	pH/CLO4 2 Bott	/ CR / TDS)	pH / CLO4 / C	CR6 / TDS / C 3 Bottles	R	
• •	Bottles:		les	N03/0				
i.				2 bott			TOTAL BO	TTLES:
i) ;	Comments:							
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	Water Sampling Field Log	Well No.: M-25
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA
	Brown, James Winge, Eric Crawford	Date: 11-2-06
Sampling Method:	Thereis Dump @ Dedicated Bailer O Non Dedicated	ed Bailer O Ready Flo 2" O
Weather Conditions:	Warm 670 F	
Well Information:		
Total Well Depth:	41,47 feet Time: 1110	
Depth to Water:	321) 8 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column ((2-in) 4-in. 6-in	= 1,48 gal. * 3 = 4-gal
Field Measurements Cumulati Volume Time Purged	ve Specific	Observations
		<u>[]</u>
1115 2 ga		ght yellow
11)6 <u>3</u> ga		part ferrow
1118 × ga	1 M.04 10.43 ins 23.700 llg	WF yearow
ga	<u>I</u>	
ga		
ga	<u>1</u>	
Sample Appearance:	light ye	1100
Sample Collection -	Time Start: 1/19 Time Finishe	d: 1119
	pH/CLO4/CR6/TDS/	CR
Analyses: <u>pH1/CLC</u> Bottles: <u>2 Bo</u>	ottles 3 Bottles	,]
	NO3 / CLO3 2 bottles	TOTAL BOTTLES:
Comments:		

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1	Water Sampling Field Log	Well No.:A
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAD	A
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 1-1-00
Sampling Method:	Electric Pump O Dedicated Bailer O Non Dedicated	Bailer O Ready Flo 2" O
Weather Conditions:	Cool 520F	
Well Information:		
Total Well Depth:	55.00 feet Time: <u>648</u>	
Depth to Water:	47,02 feet /// Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L)	(2-in) 4-in. 6-in	1.27 gal. * 3 = 4 gol
Field Measurements: Cumulative Volume	Depth Purging From: 2 ft. below depth to water Specific	•
Time Purged	pH Conductivity Temp C	Observations
650		
<u>652</u> 2 gal	1.21 9.46m5 19.8° light	yellow
<u>453 3 gal</u>	M.10 10,12m5 21.300 light	- yellow
<u>le54 4 gal</u>	709 10.27m5 21.7°C light	yellow
gal		-
gal		
gal		
Sample Appearance:	light yell	6.50
Sample Collection -	Time Start: (1.502 Time Finished:	<u>656</u>
Analyses: pH/CLO4/ Bottles: 2 Bottle		
	NO3 / CLO3	TOTAL BOTTLES:

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Comments:

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ì		V	Vater Samplin	g Field Lo	g	Well No.:	<u>M-3</u>	32
Project No .:			Site: TRONOX	LLC- HENDE	ERSON, NE	VADA		
Sampling Tea	m: Michele Br	own, James	Winge, Eric Crav	vford		Date:	11-1-0)()
Sampling Met	hod:	Electric Pu	mp O Dedicate	ed Bailer O	Non Dedic	ated Bailer O	Ready Flo 2	<u>" 0</u>
Weather Conc	litions:		cool			······		
Well Inform	nation:							
Total Well Dep	oth:	46.76) feet	Time:	<u>701</u>			
Depth to Wate	er:		feet)iameter (circ	le one)	Well Volume (WV)	Purge Faclor	Purge Volume
Height of Wat	er Column (L)		2-in.	4-in.	6-in	= gal.		
Field Meas Time	urements: Cumulative Volume Purged	рН	Depth Purging Fr Specific Conductivity	om: 2 ft. below o Temp	depth to water	Observations		
<u></u>	gal	,						
	gal		Will	Dru				
	gal ′			S		ŧ		
	gal			No	SAMI	ne		
	gal							
	gal							
Sample Appe	arance:		` .				••••••	
Sample Colle	ction -	Tim	e Start:	*	Time Finishe	d:		
Analyses: Bottles:	pH / CLO4 / 2 Bottle		\rightarrow	oH / CLO4 / (CR6 / TDS / 3 Bottles	CR		
			NO3 / Cl 2 bottle			TOTAL BOTT	ء LES:	2

) Comments:

	Water Sampling Field Log Well No.: M-34	
Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA	
Sampling Team: Michele Br	rown, James Winge, Eric Crawford Date: 11-1-0 (o	
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O	<u></u>
Weather Conditions:	COOL 5405	
Well Information:		
Total Well Depth:	241.83 feet Time: <u>810</u>	
Depth to Water:	<u>37.63 feet</u> <u>VVell Diameter (circle one)</u> <u>Volume (WV)</u> Factor Volume	-
Height of Water Column (L)		pl
Field Measurements: Cumulative Volume Time Purged		
<u>813</u>	1.32 12.11 ms 20.90 light yellow	
	7.18 12.12 ms 20.90 light yellow	
$\frac{15}{8} \frac{1.5}{2} \frac{\text{gal}}{\text{gal}}$	7.15 12.14 mS 21.7°C yellow	
gal		·
gal		
Sample Appearance:	<u>yellow</u>	
Sample Collection -	Time Start: 818 Time Finished: 818	
Analyses: pH / CLO4 / Bottles: 2 Bottle		······
	NO3 / CLO3 2 bottles TOTAL BOTTLES:	
Comments:		

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	Water	Sampling	Field Log		Well No.:	M-35	
Project No.:	Site	TRONOX L	LC- HENDEF	SON, NEVADA	1		a
					Date:	11-1-0	(0
Sampling Team: Michele Br	own, James Wing						\ \
Sampling Method:	Electric Pump @	1	d Bailer O	Non Dedicated	Baller O R	eady Flo 2" (<u></u>
Weather Conditions:		Cool					
Well Information:		_	-	4			
Total Well Depth:	H2.33 Fee	t	Time &	26			
Depth to Water:	35.67 fee	<u>it</u> ₩ell Di	iameter (circle	e one)	Well Volume (WV)	Purge Faclor	Purge Volume
Height of Water Column (L	: Le. le la fee	2-in/	4-in.	6-in	1.06 gal. * }	<u>3</u> =	3 gal
Field Measurements:	D	epth Purging Fro	om: 2 ft. below de	epth to water			
Cumulative)						
Volume Time Purged		Specific nductivity	Temp	0	bservations		
828							
830 gal	MILQ	,19 mS	22.4°C	Veryl	ight y	ellow	-
		.13 mS	<u>23.9°C</u>	Rame	0 0) 	
<u>831 2 gal</u>		.96mS	24.700	Dame		3.	
gal_							
gal						www	
gal				<u></u>			
			1. Jot	Hellow)		
Sample Appearance:		- Varil	-ugus-	0	224		
Sample Collection	Time Sta			Time Finished:	- -		
Analyses: <u>pH / CLO4</u> Bottles: 2 Bott	/ CR / TDS)	pH / CLO4 / (CR6 / TDS / CR 3 Bottles			
Louies.		NO3 / C 2 bottl			TOTAL BOTT	rles:	

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		W	later Sampling	Field Log		Well No.:	<u>M-z</u>	le
Project No.:			Site: TRONOX LL	.C- HENDERS	SON, NEVADA	······································		
	n: Michele Br	own, James	Winge, Eric Crawfo	ord		Date:		
Sampling Meth		Electric Pu			Ion Dedicated I	Bailer 🛛	Ready Flo	2" O
Weather Condi	tions:		Warm	<u>)</u>				
Well Inform	ation:							
Total Well Dep	th:	31.85	feet	Time:	159			
Depth to Water		31.97	Well Dia	meter (circle d		Well olume (WV)	Purge Factor	Purge Volume
Height of Wate	r Column (L)	: <u>5.9</u> !	5 feet * 0.16 gal/ft	4-in. * 0.65 gal/ft * 1.	6-in 47 gal/ft =	トラ gal	<u>.</u> * <u>3</u> =	= <u>3 op</u>
Field Measu	urements: Cumulative Volume Purged	рН	Depth Purging From Specific Conductivity	n: 2 ft. below depi Temp		servation	S	
0,59		•						
1003) gal	ŋ.0	16.59 mS	23.700	yella	TW		
1008	L gal	6.98	16.63 MS	23.3°	yell	ow		-
1012) gal		16.51mS	23.4°	· yell	\mathcal{W}		
	gal			·	<u> </u>			
	gal							
	gal			······				·····
				yerlou	J			
Sample Appe		Tim	ne Start: <u>1015</u>	V	me Finished:	1015		
Sample Colle				-	R6 / TDS / CR	<u> </u>		
Analyses: Bottles:	pH / CLO4 2 Bottl				Bottles			
	ŕ	٨	NO3 / CL		Т	OTAL BO	نې TTLES:	<u> </u>
Comments:	now der	fue to)					
K	hing	puttor	-					

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		W	ater Sampling	Field Log		Well No.:	M-5	5M
Project No .:			Site: TRONOX LL	C- HENDER	SON, NEVADA			
Sampling Team	n: Michele Bro	wn, James	Winge, Eric Crawfo	ord		Date:	11-2-1	56
Sampling Metho		Electric Pur	np Dedicated	Bailer O	Ion Dedicated	Bailer O F	leady Flo 2	'0
Weather Condi			warm	640F				
Well Informa								
Total Well Dep		37,18	feet	Time: <u>)(</u>	059			
Depth to Water		31.02	Well Di	ameter (circle	one) V	Well olume (WV)	Purge Faclor	Purge Volume
Height of Wate	er Column (L):	<u>(6.1</u> 5) feet * 0.16 gal/ft	1		אך _{gal.}	*3_=	3901
Field Meas	urements: Cumulative		Depth Purging Fro	m: 2 ft. below de	pth to water			
Time	Volume Purged	рН	Specific Conductivity	Temp	O	bservations		
1100	یہ جو جو مع				- 0			
1101	l gal	1.29	8.11 mS		<u>Alla</u>	$\frac{\mathcal{N}}{\mathcal{N}}$		
1103	2 gal	<u>M.10</u>	<u>8.53.m5</u>	. C	<u>Plea</u>	<u> </u>		 •-
1104	<u> </u>	<u>M.01</u>	8.66 mJ	24.2°	<u> </u>	<u>uu</u>		
	gal							
	gal	·····					····	
	gal							
Sample Appe	earance:			Clea	J			
Sample Colle		Tir	ne Start: <u>1105</u>	T	ime Finished:	1105	-	
Analyses:	pH / CLO4	CR / TDS	(pH / CLO4 / C	R6 / TDS / CR 3 Bottles	\geq		·····
Bottles:	2 Bottl	<u>es</u>	NO3/C 2 bottle	LO3		TOTAL BOT	LES:	<u>}</u>

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		Water Sampling Field Log	Well No.: <u>M-38</u>
1	Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA
ł		rown, James Winge, Eric Crawford	Date: 11-2-06
:	Sampling Method:	Electric Pump O Dedicated Bailer O Non Dedicate	ed Bailer @ Ready Flo 2" O
:	Weather Conditions:	Warm	
•	Well Information:		
	Total Well Depth:	36.82 feet Time: 1003	
	Depth to Water:	3).0 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
-	Height of Water Column (I	(2-in.) 4-in. 6-in	<u>,92 gal. * 3 = 3 gol.</u>
	Field Measurements Cumulativ	/e	
•	Volume Time Purged	Tomb	Observations
1	1004	(1	()
	100M 1 gal		llow
)	1010 2 gal		1100
	1015 <u>3 ga</u>	<u>M.12 14:66m asin ye</u>	
	ga		
	ga		
	ga		
	Sample Appearance: Sample Collection -	Time Start: 1018 Time Finishe	10.01
		A / CR / TDS pH / CLO4 / CR6 / TDS /	CR
-	Bottles: 2 Bc	ttles 3 Bottles	TOTAL BOTTLES:
	Comments: NON AU	bulles to location	

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1	Water Sampling Field Log	Well No.: <u>M-39</u>					
Project No.:	Site: TRONOX LLC- HENDERSON, NEV	ADA					
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date:0					
Sampling Method:		ited Bailer O Ready Flo 2" O					
Weather Conditions:	Cool	· · · · · · · · · · · · · · · · · · ·					
Well Information:							
Total Well Depth:	<u>42,100 feet</u> Time: <u>901</u>						
Depth to Water:	3).53 feet	Well Purge Purge Volume (WV) Factor Volume					
Height of Water Column (L)	Height of Water Column (L): 1.0 ^M feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.7 ^M gal. * 3 = 5 gol						
Field Measurements: Cumulative Volume		Observations					
Time Purged							
904 2 gal	1.27 Tilgms 22.35 Very	plight yellow					
908 4 gal	7.17 7.71 m.S 23.2° Wen) lighter yerlow					
909 5 gal	1.10 1.12ms 23.5° sam						
gal							
gal	······································						
gal	· · · · · · · · · · · · · · · · · · ·						
Sample Appearance:	Dlight yellow I	int					
Sample Collection -	Time Start: 910 Time Finishe						
Analyses: pH / CLO4 Bottles: 2 Bottl		CR					
	NO3 / CLO3 2 bottles	TOTAL BOTTLES:					

1		W	ater Sampling	J Field Log]	Well No.:	<u>m-4</u>	4
Project No.:		······	Site: TRONOX L	LC-HENDE	RSON, NEV	ADA		
Sampling Tear	n: Michele Bro	own, James	Winge, Eric Craw	ford		Date:	10.30)-06
Sampling Meth	<u>iod:</u>	Electric Pur	np 🛛 Dedicate	d Bailer O	Non Dedica	ated Bailer O	Ready Flo	2" 0
Weather Cond	itions:		Warm)			•	
Well Inform	ation:							
Total Well Dep	oth:	37.65	feet	Time:	12:12			
Depth to Wate	r:	18.40	feet Wall D	iameter (circ	le one)	Well Volume (WV)	Purge Faclor	Purge Volume
Height of Wate	er Column (L)	19.25		4-in.	6-in	= <u>3.08 gal</u>		: 9 gal
Field Meas	Cumulative		Depth Purging Free Specific	om: 2 ft. below o	lepth to water			
Time	Volume Purged	рН	Conductivity	Temp		Observation	S	
12:13			ڪ ته قديدي سيس بيرين ميرين کارني ميرين کارني ميرين کارني ميرين کارن کارن کارن کارن کارن کارن کارن کار			0		
12:16	<u>, 2 gal</u>	<u> </u>	9.51m5	23.4°C		lear		
12:18	gal	7.46	9.36 mS	<u>23.1°C</u>		lear		
1220	q _{gal}	<u>n.45</u>	9.43 mB	23.8°C	<u> </u>	lear		
	gal				- <u>-</u>			
	gal							
	gal			• ••••••••••••••••••••••••••••••••••••	÷			
Sample Appe	arance'		·	clea	い			
Sample Colle		Tim	e Start: 1222	2	Time Finishe	ed: 1222	L	
Analyses:	pH / CLO4		•••		CR6 / TDS /			
Bottles:	2 Bottl				3 Bottles			
Comments:	FD-1	n 12.	S NO3/C 2 bottle			TOTAL BO	TTLES: <u> </u>	3

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	1	Water Sampling Field Log Well No.: M-18
	Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA
	Sampling Team: Michele B	Brown, James Winge, Eric Crawford Date: 10-30-66
- 1	Sampling Method:	Electric Pump Dedicated Bailer Non Dedicated Bailer O Ready Flo 2" O
	Weather Conditions:	Warm
	Well Information:	
•	Total Well Depth:	<u>38,59 feet</u> Time: <u>9:59</u>
	Depth to Water:	<u>33.90 feet</u> <u>Well Diameter (circle one)</u> <u>Well Diameter (circle one)</u> <u>Well Purge</u> <u>Volume</u> <u>Volume</u>
	Height of Water Column (L	2-in. 4-in. 6-in
ι :	Field Measurements	Depth Purging From: 2 ft. below depth to water
	Cumulativ Volume	Specific
	Time Purged	pH Conductivity Temp Observations
	959	1.13 3.48 mS 23.5° Clean
	1009 2 gal	
·. ·	1012 4 gal	
	1014 M gal	<u>7.60</u> <u>3.56 mS * 22.8°C plan</u>
	gal	
:	gai	
	gal	
	Sample Appearance:	<u>pleav</u>
:	Sample Collection	Time Start: 1018Time Finished: 1618
	Analyses: pH / CLO4	t/CR / TDS pH / CLO4 / CR6 / TDS / CR 3 Bottles
	Bottles: 2 Bott	NO3/CLO3
·	Comments:	2 bottles TOTAL BOTTLES:
	handing	ed your and a
: ()	IN WID	From Dard Maria
1		

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ì	Water Sampling Field Log						<u>M-51</u>	>
Project No.:	Angeleine and an		Site: TRONOX L	LC- HENDEF	RSON, NEV	ADA		
Sampling Tea	<u>m: Michele Br</u>	own, James	Winge, Eric Craw	ford		Date:	11-1-()(0
Sampling Met	hod:	Electric Pu		d Bailer O	Non Dedica	ted Bailer O	Ready Flo	2" O
Weather Cond	litions:		rool				······································	
Well Inform	nation:							
Total Well De	pth:	62.15	feet	Time:	707			
Depth to Wate	er:	He.les		ameter (circle	onel	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	er Column (L):	1,55	feet * 0.16 gal/ft	4-in.	6-in	= <u>2:48 gal.</u>		n
Field Meas	Cumulative		Depth Purging Fro	m; 2 ft. below de	pth to water			
Time	Volume Purged	рН	Conductivity	Temp		Observations		
<u>M10</u>								
112	<u> </u>	<u></u>	14,97m5	18.7°C	- Yel	Low		
M15	L gai	1.12	14.93 mS	20.0°	- yel	low		
M18_	H gal	<u>M.10</u>	14.20 ms	<u>a0.2000</u>	Yel	low		
	gal			·		,		
	gal							
	gal							
Sample Appe	earance:						······································	
Sample Colle	ection -	Time	e Start: <u>120</u>	- Ti	me Finished	1: <u>Mao</u>		
Analyses: Bottles:	ph//CLO4/ 2 Bottle	CR / TDS	p	<u>H / CLO4 / CI</u> 3	R6 / TDS / C 3 Bottles	R		··········
201100.			NO3 / CL 2 bottles	.03	a da de fanoren a televisione	TOTAL BOTT	LES: <u>2</u>	

		Wa	ater Sampling	Field Log		Well No.:	M-52	L
	Project No.:		Site: TRONOX LI	_C- HENDEF	RSON, NEV	ADA		
	Sampling Team: Michele Bro	own, James \	Ninge, Eric Crawfo	ord		Date:	11-2-0	(p
	Sampling Method:	Electric Purr			Non Dedica	ited Bailer O	Ready Flo 2" (<u>)</u>
•••	Weather Conditions:		<u>cool 53°</u>	P			· · · · · · · · · · · · · · · · · · ·	
	Well Information:							
		11.20	feet	Time:	604			
	Total Well Depth: Depth to Water:	40.87	feet	- ameter (circl	e one)	Well Volume (WV)	Purge Factor	Purge Volume
	Height of Water Column (L)	6.51	(2-in.) feet * 0.16 gal/ft	4-in.	6-in	= <u>1.04 ga</u>	<u>. * 3 =</u>	3gal
	Field Measurements: Cumulative		Depth Purging Fro	om: 2 ft. below d	epth to water			
. 1	Volume Time Purged	рН	Conductivity	Temp		Observatio	ns	
	1.09	<u>م من محمد من محمد من من محمد من </u>			0	A . 1	<u> </u>	
i.	<u>[01]</u> gal	<u>6.56</u>	8.41ms	19.3°C	Cloud	J J,	1000	12. Alanda
1	<u>[13] gal</u>	<u>le.9</u>	1.15mS	19.800	<u>_light</u>	nt gell	J. J.	ifly Cloudy
l	lelle 3 gal	_ <u>1.03</u>	<u>M.94mS</u>	20.000	<u>plea</u>	- Ught	Kellow)
	lopa 4 gal	<u>1.15</u>	M.84 mS	20.20°C	<u> </u>	jht ges	100	
	gal							
	gal							
	Sample Appearance:		Decer	U	D – $-$	<u>Mow</u> ed: 620		
	Sample Collection -		ne Start: <u>(1.20</u>	<u> </u>	Time Finish			
	Analyses: pH / CLO4 Bottles: 2 Bott	/ CR / TDS	_)	pH / CLO4 /	CR6 / TDS . 3 Bottles	/ CR		
			<u>NO3 / C</u> 2 bottl			TOTAL B	OTTLES: 2	
	:omments:							

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Comments:

		Water Sampling Field Log	Well No.: M-5MA
	Project No.:	Site: TRONOX LLC- HENDERSON, NEV	
		rown, James Winge, Eric Crawford	Date: 10-31-06
	Sampling Method:		ited Bailer O Ready Flo 2" O
	Weather Conditions:	Cool	
	Well Information:		
	Total Well Depth:	42.40 feet Time: 804	
	Depth to Water:	A9.33 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
	Height of Water Column (L	.): 3,11 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= <u>2,10 gal. * 3 = le goll</u>
	Field Measurements Cumulativ Volume		
	Time Purged	pH Conductivity Temp	Observations
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		7.46 4.14 mS 21.9° OL	
	<u>807 2 gai</u>	7.46 4.14 mS 21.90 01	
	<u>809</u> H gal		lav +
	810 U gal	<u>1.46 : 4.19 ms 23.2° (1)</u>	
	gal		
	gal		
	gal		
'	Sample Appearance:	pllon	011
	Sample Collection -	Time Start: <u>811</u> Time Finishe	
	Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bot</u>	tles pH / CLO4 / CR6 / TDS / B / CR / TDS / B / CLO4 / CR6 / TDS /	CR
		NO3 / CLO3 2 bottles	TOTAL BOTTLES:
н од у станов мини мини мини мини	Comments:	total and the and the total	

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1	Wa	ter Sampling	J Field Log		Well No.:	m-61	
Project No.:		Site: TRONOX L	LC- HENDER	SON, NEV	ADA		
Sampling Team: Michele Bro	own, James M	/inge, Eric Craw	ford		Date:	11-1-06	
Sampling Method:	Electric Pum			Von Dedica	ated Bailer O	Ready Flo 2" O	_
Weather Conditions:		Cool				•	
Well Information:							
Total Well Depth:	41.00	feet	Time:	133			
Depth to Water:	24,78		iameter (circle		Well Volume (WV)	Purge Purge Factor Volume	
Height of Water Column (L)	: 16.22	<u>feet</u> * 0,16 gal/ft	4-in. * 0.65 gal/ft * 1	6-in 1,47 gal/ft	= <u>2.59 gal</u>	* <u>3</u> = <u>8 gall</u>	010
Field Measurements: Cumulative Volume	ı.	Depth Purging Fr		oth to water			
Time Purged	рН	Conductivity	Temp		Observation	S	
<u>935</u>	 M 22	6.16MS	72 JOC	nls	au		
<u>937</u> <u>3 gal</u>	- <u>1</u> .22-	1 224 0	23.51° ~	010			
$\frac{939}{9428} (0 \text{ gal})$	M.24	(0.33mS	23.Moc	- <u>-</u>	lazz		
		U.J.M.					
gal				<u></u>			
gal							
gal		· ·					
Sample Appearance:		Q	lar				<u></u>
Sample Collection	Time	start: 945	- Т	ime Finishe	ed: <u>945</u>		
Analyses: <u>pH / CLO4</u> Bottles: 2 Bottl			pH / CLO4 / C	R6 / TDS / 3 Bottles	CR		
		NO3 / ( 2 bott			TOTAL BO	ttles:	

⁷ Comments:

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			1	Nater Sampling	J Field Log		Well No.:	M-64	
	Project No .:	,,,,,,,,,,,		Site: TRONOX L	LC- HENDER	SON, NEVAD	<u>A</u>		
	Sampling Tea	<u>m: Michele Br</u>	own, Jame	s Winge, Eric Craw	ford		Date:	10-31-0	)6
	Sampling Met	hod:	Electric P	ump 🛛 Dedicate	d Bailer O	Non Dedicated	1 Bailer O	Ready Flo 2" O	)
1	Weather Conc	litions:	<b>.</b>	COOL 51	to F				
	Well Inform	nation:		·····					
:	Total Well Dep	oth:	38.00	<u>) feet</u>	Time:	705			
	Depth to Wate	er:	29.8	+ feet	ameter (circle	one)	Well Volume (WV)	Purge Factor	Purge Volume
	Height of Wate	or Column (L)	. 811	2-in. 2-in. 2 feet * 0.16 gal/ft	4-in.	6-in	1.30 gal.	ι,	
i	Height of Wat		. <u> </u>	<u>v icci</u> 0.10 gam	0.00 gaint i	gaan	<u>, , , , , , , , , , , , , , , , , , , </u>	······	gue
:	Field Meas	urements:		Depth Purging Fro	m: 2 ft. below der	oth to water			
	i ioid modo	Cumulative Volume		Specific					
	Time	Purged	рН	Conductivity	Temp	0	bservations		
	708				***				
:	<u>13</u>	) gal	7.28	3.68 mS	alloc -	muc	Joly_	<u></u>	
	M 15	2 gal	<u>M.28</u>	5.13 mS	<u>'21.8°</u>	mud	dy	<u></u>	
	*M24	H gal	<u>M.37</u>	6.34 mS	20.90	mud	dy		
	Male	5 gal	7.36	<u>le-85 mS</u>	22.3°	rlear	er bu	t oilty	2
:	729	lý gal	7.36	7.40 mS	à 1.2°C	Sam	L		
1 .		gal						••••••••••••••••••••••••••••••••••••••	
:	Sample Appea	arance.		Anil	silf	in so	V ADA IA LA		
	Sample Collec		Tim	e Start: <i>1</i> 30			430		
	Analyses:	pH/CLO4/			-  / CLO4 / CR	6 / TDS / CR			·
	Bottles:	2 Bottle	s	r 	<u>, , , , , , , , , , , , , , , , , , , </u>	Bottles	******	******	+ 
:				NO3 / CL 2 bottles		Т		LES: 2	
•	Comments:	00	ANIA						
	ley	ll ash	, and	2					
	Į	ll purges							

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1	Water Sampling	g Field Log	Well No.: M-le5
Project No.:	Site: TRONOX	LLC- HENDER	SON, NEVADA
	own, James Winge, Eric Craw	<u>/ford</u>	Date: 10-31-06
Sampling Method:			Non Dedicated Bailer O Ready Flo 2" O
Weather Conditions:	rool		
Well Information:			
Total Well Depth:	40.00 feet	Time:	36
	29.23 feet	•••••	Well Purge Purge
	Well C	)iameter (circle 4-in.	6-in
Height of Water Column (L)	10.117 feet * 0.16 gal/ft	* 0.65 gal/ft * *	1.47  gal/ft = 1.72  gal. * 3 = 5  gal
Field Measurements:		rom: 2 ft. below de	pth to water
Cumulative Volume	Specific	Temp	Observations
Time Purged	pH Conductivity	Temp	
(M:.))	M.08 16:38ms	21.0°C	yellow
<u>M:41</u> <u>2 gal</u>	6.88 16.22ms	<u>a.o</u>	
<u>145 T gal</u>	6.86 16.59 mS	·22.8°	Hellow
744 <u>5 gal</u>	<u><u><u>w</u>.ov</u> <u>10.31MS</u></u>	<u>ans</u>	<u>Jernoco</u>
gal		-	
gal			****
gal		<u></u>	
Sample Appearance:		yesti	)w
Sample Collection -	Time Start: <u>445</u>	т И	ime Finished: <u>M45</u>
Analyses: pH/CLO4/			R6 / TDS / CR
Bottles: 2 Bottle			3 Bottles
	NO3 / C 2 bottl		TOTAL BOTTLES: 2

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ł	Water Sampling Field Log	Well No.: M-leb
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	
Sampling Team: Michele Bro	own, James Winge, Eric Crawford	Date: 10-31-06
	Electric Pump (S) Dedicated Bailer O Non Dedica	ted Bailer O Ready Flo 2" O
Weather Conditions:	cool	
Well Information:		
Total Well Depth:	<u>43.00 feet</u> Time: <u>7:51</u>	
Depth to Water:	30.60 feet	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L):	9-in. 4-in. 6-in	= <u>2.07 gal. * 3 = logal</u>
Field Measurements:	Depth Purging From: 2 ft. below depth to water	
Cumulative Volume Time Purged	Specific pH Conductivity Temp	Observations
753		
<u>M55 2 gal</u>	6.77 16.91ms 22.2° yel	
<u>756</u> 4 gal	<u>6.72 16.78 mS 23.100 44</u>	Mow t
M58 6 gal	6.71 11e-83 mS 22.8°C yes	
gal		
gal		
gal	· · ·	
Sample Appearance:	- yellow	_
Sample Collection -	Time Start: <u>159</u> Time Finishe	d: <u>M59</u>
Analyses: <u>pH / CLO4 /</u> Bottles: <u>2 Bottle</u>		CR
	NO3 / CLO3 2 bottles	TOTAL BOTTLES:

		V	Vater Sampling	j Field Log		Well No.:	M-ler	1
Project No.:			Site: TRONOX I	LC- HENDE	RSON, NE	VADA		
Sampling Tear	m: Michele Bro	wn, James	Winge, Eric Craw	ford		Date:	11-1-0	1 <u>6</u>
Sampling Mett	nod:	Electric Pu	mp 😫 Dedicate	d Bailer O	Non Dedi	cated Bailer O F	Ready Flo 2" (	<u>)</u>
Weather Cond	litions:		Cool					
Well Inform	nation:							
Total Well Dep	oth:	38.0	<u> feet</u>	Time:	010			
Depth to Wate	er:	22.8	<u>5 feet</u> Well D	iameter (circl	e one)	Well Volume (WV)	Purge Faclor	Purge Volume
Height of Wat	er Column (L):	15.15	feet * 0.16 gal/it	4-in. * 0.65 gal/ft *	6-in 1.47 gal/ft	= <u>2,42gal.</u>	*=+	1 gallons
Field Meas	urements: Cumulative		Depth Purging Fr	om; 2 ft. below d	epth to water			
Time	Volume Purged	pН	Specific Conductivity	Temp		Observations		
1012			به ها که این . 				1 •	·····
1014	<u>2 gal</u>	<u>M.24</u>	8.04ms	23,40	_líg	hit yerlow	Hinge	) -
1014	<b>A D</b> gal	<u>M,19</u>	8.04 mS	24.10C		Danie		
1018	gal	<u> 41.16</u>	4.98 mS	24.204	Qa	mil		
	gal				<u></u>		<u></u>	
	gal		A					
	gal	·····			<u></u>	·······		
Sample App	earance:		le	ant ye	low	tinge		<b>,,,,,</b> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Sample Coll		Tir	ne Start: 1020	- 0 _.	Time Finis	hed: <u>1620</u>		
Analyses:	( pH / CLO4 /		<u>\</u>	pH / CLO4 / (	CR6 / TDS 3 Bottles	/ CR		
Bottles:	2 Bottle	es			0 DOUICS	TOTAL BOT	nes: 2	,
			<u>2 bottl</u>	es		TUTAL DUT	Leiley,	

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		W	later Samplin	g Field Log	3	Well No.:	M-le	8
Project No .:			Site: TRONOX	LLC- HENDE	RSON, NE	EVADA		
Sampling Tear	<u>m: Michele Bro</u>	wn, James	Winge, Eric Crav	vford		Date:	_11-1-	06
Sampling Meth	nod:	Electric Pu	mp 🎯 Dedicate	ed Bailer O	Non Dedi	cated Bailer O	Ready Flo 2	'0
Weather Cond	itions:		fool	56° F	······			gal di daman na sana sa
Well Inform	ation:							
Total Well Dep	oth:	41.00	<u>) feet</u>	Time:	916	-		
Depth to Wate	ef:	25.6	feet	Diameter (circ	le one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):	15.30	(2-in.)	4-in.	6-in	= <u>;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;</u>	. * <u>3</u> =	Mallon
Field Meas	urements: Cumulative Volume Purged	рН	Depth Purging F Specific Conductivity	rom: 2 ft. below o Temp	depth to water	Observation	IS	
917								<u></u>
920	á gal	<u>M.46</u>	M.14 mS	<u>22,4°</u>	C	John		۰. معمد معمد معمد معمد معمد معمد معمد معمد
923	└┤ gal	<u>1.32</u>	7,15 mS	23.0°C		llan		
926	7 gal	1,38	M,17 mS	23.300	(	lear		
. <u></u>	gal	<u></u>						
	gal				· ·····	<u></u>		
	gal							
Sample Appe	earance:			<u>clea</u>	Set			
Sample Colle	ection -	Tim	ne Start: <u>928</u>		Time Finis	hed: <u>928</u>		
Analyses: Bottles:	pH / CLO4 / 2 Bottle	CR / TDS	)	pH / CLO4 /	CR6 / TDS 3 Bottles	/ CR		
			<u>NO3 / (</u> 2 bott			TOTAL BO	TTLES: D	<u>~</u>

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## Water Sampling Field Log

2					Wel	No.:	<u>M-6</u>	9
Project No .:			Site: TRONO	X LLC- HEND	ERSON, NEVADA			
Sampling Te	eam: Michele B	rown, Jam	<u>es Winge, Eric Cra</u>	awford	Date	e:	10.3	1-06
Sampling Me	ethod:	Electric I	Pump @ Dedica	ited Bailer O	Non Dedicated Bailer	O Re	ady Flo 2	" O
Weather Co	nditions:		200L					
Well Infor	mation:							
Total Well D	epth:	40.0	)() feet	Time:	854			
Depth to Wa		<u> </u>	Well g-in.	Diameter (circ 4-in.	Wel le one) Volume ( 6-in	WV)	Purge Factor	Purge Volume
Height of Wa	ater Column (L)	:	<u> </u>	* 0.65 gal/ft	* 1.47 gal/ft = 1-54	~gal. *	3_=_	3gal
Field Meas	surements: Cumulative Volume		Depth Purging F	rom: 2 ft. below d	epth to water			
Time	Purged	pН	Conductivity	Temp	Observat	tions		
858						·····		
900	<u>्र</u> े gal	7.30	<u>6.03ms</u>	23.5°C	plear			
902	4 gal	<u>M.21</u>	6.02ms	23.100	Clear			
_903	<u>S</u> gal	4.15	Le.OZMS	23.4°C	cliar			
	gal		·····	<b></b> .			·····	
	gal							
•	gal							
Sample Appe	arance:			plea				
Sample Colle	ction -	Tim	e Start: 905	_ Ti	me Finished: <u>905</u>			
Analyses: Bottles:	pH/CLO4/C 2 Bottles		F	0H / CLO4 / CF 3	R6 / TDS / CR Bottles			
			NO3 / Cl 2 bottle		TOTAL B	OTTLES	:_~~	)

Comments:

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	Water Sampling Field Log	Well No.: <u>M-40</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA
	Brown, James Winge, Eric Crawford	Date: 11-2-06
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicat	ed Bailer O Ready Flo 2" O
Weather Conditions:	Warm le10F	
Well Information:		
Total Well Depth:	41.00 feet Time: 910	
Depth to Water:	27.Lebfeet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (	L): 13.34 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft *	= 2.13 gal. * 3 = 6 gol
Field Measurements		
Cumulati Volume Time Purged	Specific	Observations
9.13	die 1010 ms 52.2" lig	ht nellow
<u>914</u> <u>2 ga</u>	1.18 IVIVINO data	
<u>915</u> T ga	1 100 111 ms	that the Now
919 6 ga	1 <u>1.01 (1.42 m) 23.3 lig</u>	<u>10- gene</u>
ga		
ga		
ga	<u>.</u>	
Sample Appearance:	light yello	
Sample Collection -	Time Start: 919 Time Finishe	ed: <u>919</u>
	04 / CR / TDS pH / CLO4 / CR6 / TDS / 3 Bottles	CR
Bottles: 2 Bo	<u>NO3 / CLO3</u> 2 bottles	TOTAL BOTTLES:
Comments:		
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	Water Sampling Field Log	Well No.: <u>M-1</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEV	/ADA
Sampling Team: Michel	e Brown, James Winge, Eric Crawford	Date: 11-2-06
Sampling Method:	Electric Pump Ø Dedicated Bailer O Non Dedic	ated Bailer O Ready Flo 2" O
Weather Conditions:	Werm)	· · · · · · · · · · · · · · · · · · ·
Well Information:		
Total Well Depth:	43.60 feet Time: 923	
Depth to Water:	27.94 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Colum	(2-in) 4-in. 6-in	= <u>2,40 gal. * 3 = 1 gallon</u>
Field Measuremer	ative	
Volur Time Purge		Observations
925		
928 2 0	Jal 7.10 8.2 6ms 22.7° ligh	nt yellow
930 4		pht yellow
933 7	jai 7.04 8.15mS 22.9°C lig	the yestow
	gal	······
	gal	
	gal	
Sample Appearance: Sample Collection -	Time Start: 934 Time Finish	ned: 934
Analyses: pH/CL	04/CR/TDS pH/CLO4/CR6/TDS	/ CR
Bottles:	Bottles 3 Bottles NO3 / CLO3 2 bottles	TOTAL BOTTLES:

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	Water Sampling Field Log	Well No.: M-72
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAL	DA
Sampling Team: Michele Bro	own, James Winge, Eric Crawford	Date: 11-2-06
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicate	ed Bailer O Ready Flo 2" O
Weather Conditions:	Warm)	
Well Information:		
Total Well Depth:	$3l_{e}.60$ Time: $93l_{e}$	
Depth to Water:	30.24 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L)	2-in. 4-in. 6-in 5,76 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	.92 _{gal.} * 3 = 3gal
Field Measurements: Cumulative Volume	Specific	Observations
Time Purged <b>○</b> 38	pH Conductivity Temp	Observations
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>M.08</u> <u>849mS</u> <u>AI. 7°</u> famt <u>7.0</u> <u>9.59mS</u> <u>22.3°</u> <u>Join</u> <u>M.02</u> <u>9.93mS</u> <u>22.5°</u> <u>Dan</u> <u>M.07</u> <u>10.35mS</u> <u>22.7°</u> <u>Digf</u>	yellow fint ne ne ne ne ne ne ne ne ne ne ne ne ne
Sample Appearance: Sample Collection -	Time Start: <u>946</u> Time Finished:	" ALTA V
Analyses: Bottles: 2 Bottles		TOTAL BOTTLES:
Comments: WWW	ges drig	

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	Water Samplir	ng Field Log	Well No.:	M-13
Project No.:	Site: TRONOX	LLC- HENDER	SON, NEVADA	
	rown, James Winge, Eric Cra	wford	Date:	1-1-010
Sampling Method:			Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	Cool	, 56°		· · · · · · · · · · · · · · · · · · ·
Well Information:				
Total Well Depth:	$3b_{o}$ , $b_{O}$ feet	Time:	0:24	
Depth to Water:	28.10 feet		Well	Purge Purge
Depirito Water.		Diameter (circle 4-in.	ONO) Volume (WV) 6-in	Factor Volume
Height of Water Column (L	): 1,3 feet * 0.16 gal/ft	* 0,65 gal/ft * 1	1.47 gai/ft = ). [ ) gai.	$\star 3 = 4 qq0$
Field Measurements:		From: 2 ft. below de	pth to water	
Cumulative Volume	Specific	Tomp	Observation	e
Time Purged	pH Conductivity	Temp	Observation	3
1026	<u> </u>	22.4°C	Oltoplus Dil	1
$\frac{1039}{2} \frac{2}{3} \frac{gal}{2}$	<u>7.65</u> <u>3.95 mS</u>	<u>adit</u>	weighting nee	<del>*9</del>
$\frac{1630}{3} \frac{3}{3} \frac{3}{3}$	- M.62 3.79 ms		Dame	
; <u>1032</u> 4 gal	<u>4.55</u> 3.71 mS	22.7	Name	
gal				
gal				
gal				
Sample Appearance:				
Sample Collection -	Time Start: 1034		me Finished: 1034	_
Analyses: pH / CLO4		pH / CLO4 / CI		
Bottles: <u>2 Bottl</u>			Bottles	~
	<u>NO3/</u> 2 bott		TOTAL BOT	
Comments:	Dung			
Say ley				
Comments:	-			
<b>\</b>				
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:	Water Sampling	Well No.:	M-14					
Project No.:	Site: TRONOX I	LLC- HENDERS	ON, NEVADA					
Sampling Team: Michele Bi	rown, James Winge, Eric Craw	<u>/ford</u>	Date:	11-1-06				
Sampling Method:	Electric Pump	ed Bailer O N	on Dedicated Bailer O R	eady Flo 2" O				
Weather Conditions:	<u>(col</u>							
Well Information:		G	B					
Total Well Depth:	39.00 feet	Time:	<u>#3</u>					
Depth to Water:	27.40 feet	)iameter (circle c	Well Volume (WV)	Purge Purge Factor Volume				
Height of Water Column (L): 1,160 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.85 gal. * 3 = $\log 10^{-10}$								
Field Measurements: Depth Purging From: 2 ft. below depth to water Cumulative Volume Specific Time Purgod pH Conductivity Temp Observations								
Time Purged	pH Conductivity	Temp	Observations					
1049	M.60 M.49 mS	22.1°C	Clear					
1040 2 gal	<u>1,48 7,40 mS</u>	.0	NOGI.					
1074 <u>T gal</u>	7.42 1.48 ms	-	clear	ŧ				
(05) & gal		<u></u>						
gal								
gal_		. <u></u>						
gal	·	·						
Sample Appearance:		olear						
Sample Collection -	Time Start:5	∑ Tim	ne Finished: <u>VOSS</u>					
Analyses: pH/CLO4		pH / CLO4 / CR	6 / TDS / CR Bottles					
Bottles: 2 Bottl	NO3 / C 2 bottle	:L <u>O3</u>	TOTAL BOTTI	_ES:				

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		V		Well No.: <u>M.75</u>		
Project No.:			Site: TRONOX L	LC- HENDEI	RSON, NEVAD	
Sampling Tean	<u>n: Michele Bro</u>	wn, James	Winge, Eric Craw	ford		Date: 11-3-0(0
Sampling Meth	od:	Electric Pu	mp Ø Dedicate	d Bailer O	Non Dedicate	d Bailer O Ready Flo 2" O
Weather Conditions:						
Well Inform	ation:				4.50	
Total Well Dep	th:	53.91	<u>) feet</u>	Time:	7:19	
Depth to Wate	r:	42.18		iameter (circl	Well         Purge         Purge           Volume (WV)         Factor         Volume	
Height of Wate	er Column (L):	11.72	<u>2-in.</u> feet * 0.16 gal/ft	4-in. * 0.65 gal/ft     '	6-in 1.47 gal/ft =_	1.89 gal. * 3 = legal
Field Meas	urements: Cumulative Volume Purged	рН	Depth Purging Fr Specific Conductivity	om: 2 ft. below d Temp		Observations
1111						
Ma3	2 gal	1.57	le. He ms	21.100	slight	- yellow Ange
1,25	<u> </u>	4.57	<u>ie.48mS</u>	21.900	par	ne
<u>M21</u>	Le gal	<u>1.48</u>	6.45M5	22,50	<u></u> sam	U †
	gal	<u> </u>		<b></b>		۰ 
	gal			<u> </u>		
	gal	·				
O-male App			alto	A Wa	ellow (	linge
Sample Appe		Fir	ne_Start: 128	U V	Time Finished	M28
Analyses:	pH / CLO4 /	CR / TDS		pH / CLO4 /	CR6 / TDS / C	R
Bottles: (	2 Bottle				3 Bottles	~
			NO3 / ( 2 bott			TOTAL BOTTLES:

۱ ۱		W	Well No.: <u>M- אר</u>		
Project No .:			Site: TRONOX L	LC- HENDEF	RSON, NEVADA
Sampling Team	: Michele Bro	wn, James V	<u> Winge, Eric Craw</u>	ford	Date: 11-3-06
Sampling Meth	_	Electric Pun			Non Dedicated Bailer O Ready Flo 2" O
Weather Condi			Cool		
Well Inform					
Total Well Dep		54.40	feet	Time: (	Lish
Depth to Water	•	38.74	feet Well-D	iameter (circle	6-in
Height of Wate	r Column (L):	15.86			753
Field Meas	urements: Cumulative		Depth Purging Fr	om: 2 ft. below de	depth to water
Time	Volume Purged	рН	Specific Conductivity	Temp	Observations
6:59		M-5-8	<b></b>		
101	<u>3 gal</u>	5-34	5.36mS	20.00°C	Very Alightly cloudy
707	6 gal	<u>M.ST</u>	5.59ms	21.30	
113	8 gal	4.55	J. Lele mS	Q1.80C	<u>clean</u>
4	gal				
	gal				
	gal				
	······································			~ 0	lear
Sample Appe	arance:			<u>X</u>	
Sample Colle	ection -	Tim	ne Start: <u>714</u>		Time Finished: 714
Analyses: Bottles:	pH / CLO4 / 2 Bottle		$\rightarrow$	pH / CLO4 /	/ CR6 / TDS / CR 3 Bottles
Dotties.			<u>NO3 / (</u> 2 bott		TOTAL BOTTLES:

3 7	Water Sampling Field Log	Well No.: M-79						
Project No.:	Site: TRONOX LLC- HENDERSON, NEV	ADA						
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 10-31-06						
Sampling Method:	Electric Pump	ted Bailer O Ready Flo 2" O						
Weather Conditions:	COOL	· · · · · · · · · · · · · · · · · · ·						
Well Information:								
Total Well Depth:	37.60 feet Time: 912							
Depth to Water:	<u>Ale 109 feet</u>	Well Purge Purge						
Well Diameter (circle one)Volume (WV)FactorVolume $(2-in)$ $4-in.$ $6-in$ $6-in$ $6-in$ $6-in$ $6-in$ $6-in$ $6-in$ Height of Water Column (L): $1.51$ feet * 0.16 gal/ft* 0.65 gal/ft* 1.47 gal/ft $=$ $1.8$ Jgal. * $3$ $=$ $0.00$ L								
Field Measurements:	Depth Purging From: 2 ft. below depth to water	• •						
Cumulative Volume Time Purged	Specific pH Conductivity Temp	Observations						
916 2 gal	M.83 1.75 mS 20.100 pl	lar						
911 4 gal	M.68 1.11 mS 20.5°C AL	lav						
9,19 + 6 gal	M.102 1.80 ms 20. M°C . pl	lau						
gal	· · · · · · · · · · · · · · · · · · ·							
gal								
gal								
Sample Appearance:	Clear							
Sample Collection -	Time Start: $\underline{Q20}$ Time Finished:	920						
Analyses: pH / CLO4 / C Bottles: 2 Bottles		<u>२</u>						
Comments:	<u>NO3 / CLO3</u> <u>2 bottles</u>	TOTAL BOTTLES:						
e en monte.								

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		Wate	r Samplin	Well No.:	<u>M-80</u>	>		
Project No.:		Site	: TRONOX	LLC- HENDI	ERSON, NE	VADA		
Sampling Tear	m: Michele Br	own, James Wing	ie, Eric Crav	vford		Date:	11-2-0	,6
Sampling Meth	nod:	Electric Pump O	Dedicate	ed Bailer O	Non Dedic	ated Bailer O	Ready Flo 2"	0
Weather Cond	itions:	••••••		• • • • • • • • • • • • • • • • • • •			· · · · · · · · · · · · · · · · · · ·	
Well Inform	ation:							
Total Well Dep	oth:	41.60 fee	et	Time:	829			
Depth to Wate	r:	:25.84 fee		5 Nameter (circ		Well Volume (WV)	Purge Faclor	Purge Volume
Height of Wate	er Column (L)	15,76 fee	et * 0.16 gal/ft	4-in. * 0.65 gal/ft	6-in * 1.47 gal/ít	= <u>gal.</u> '	*3_=_	
Field Measu	urements: Cumulative Volume Purged	s	epth Purging Fr Specific 1ductivity	om: 2 ft. below o Temp	lepth to water	Observations		
, 		-						
	gal	-			my (1 -		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-
	gal	_ <u></u>		<u>M</u>	JNL		£	
	gal			<u></u>			• ••••••••••••••••••••••••••••••••••••	
	gal	<u> </u>		·····				
	gal						·····	<u></u>
<u></u>	gal			<u></u>				
Sample Appea	arance:			······				
Sample Collec	tion -	Time Star	t:	-	ſime Finishe	d:		
Analyses: Bottles:	pH / CLO4 / 0 2 Bottle		Ę	0H/CLO4/0	CR6 / TDS / 3 Bottles	CR		
ມບແຮວ.		<u>.</u>	NO3 / CI 2 bottle			TOTAL BOTTI	_ES:	
Comments:								

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ļ	Water Sampling Field Log						<u>M-</u> 2	NA
Project No .:			Site: TRO	NOX LLC- HEI	NDERSON, NE	EVADA		
Sampling Tea	<u>m: Michele Br</u>	own, James	<u>Winge, Eric</u>	Crawford		Date:	11-2-	66
Sampling Mel	thod:	Electric Pur	np O De	dicated Bailer	O Non Dedi	cated Baller O	Ready Flo 2	." O
Weather Con	ditions:						•	
Well Inform	nation:		$\frown$					
Total Well De	pth:	13.160	feet	Tin	ne: <u>808</u>	-		
Depth to Wate		28.61	feet			Well	Purge	Purge
				Vell Diameter ( -in 4-in.	(circle one) 6-in	Volume (WV)	Factor	Volum
Height of Wal	ter Column (L)	15.09	feet * 0.16	gal/ft * 0.65 gal/	/ft * 1.47 gal/ft	=gal.	* <u>3</u> =	<u> </u>
Field Meas	urements: Cumulative		Depth Purç	jing From: 2 ft. be	low depth to water	· · · · · · · · · · · · · · · · · · ·		
<b>T</b> ¹	Volume	pН	Specific Conductiv		n	Observation	3	
Time	Purged	pn	Conductiv	nty Tenn	,	Obscivation	-	
						······		
<u></u>	gal							
·····	gal		T	TINT	$-\overline{ONI}$	$\overline{\mathbf{Y}}$	÷	
	gal							<u></u>
	gal		Automatica (1997)	······································				
	gal			<u></u>				
	gal	<u> </u>	······					
Sample Appe	earance:	<u></u>						
Sample Colle	ection -	Time	e Start:		Time Finish	ied:	-	
Analyses:	pH / CLO4 / 2 Bottle	CR / TDS		pH / CLO	4 / CR6 / TDS 3 Bottles	/ CR		
Bottles:	2 Dome	<u>.</u>		03 / CLO3		······································		
				bottles		TOTAL BOT	TLES:	
Comments:								

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		١	Nater Samplin	g Field Log	]	Well No.:	<u>m-83</u>
Project No.:			Site: TRONOX	LLC- HENDE	RSON, NEVAD	Α	
Sampling Team	: Michele Br	own, Jame	s Winge, Eric Crav	vford		Date:	11-2-06
Sampling Metho	od:	Electric Pu	ump 🐠 🛛 Dedicate	ed Bailer O	Non Dedicated	l Bailer O	Ready Flo 2" O
Weather Condit	ions:		Cool 56	30 F	·····		
Well Informa	ation:						
Total Well Dept	h:	42,50	) feet	Time:	831		
Depth to Water:		23,18 feet Well Diameter (circle one)				Well Volume (WV)	Purge <b>Purge</b> Factor <b>Volume</b>
Height of Water	[.] Column (L):	19.3	(2-in.)	4-in.	6-in	3.09 gal.	* <u>3</u> = <u>9</u> gal
	Cumulative Volume	-11	Depth Purging Fr Specific			bservations	
Time 838	Purged	рН	Conductivity	Temp	0	DServations	
		 M ()	2.04ms_	20.8°C	Clea	. )	
840_	<u>3 gal</u> 1	<u>7.50</u>	<u> </u>	20.5°C		<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Sull	$\left( \begin{array}{c} gal \end{array} \right)$	1.42	2.03 ms	21.4°C	<u>FXIR</u>		<b>į</b>
_099	Y gal⁺	<u>1.45</u>	2.01 mS	<u>q1.7</u>		<u> </u>	
<u></u>	gal			-			<u></u>
	gal		••••••••••••••••••••••••••••••••••••••				
	gal						
Sample Appear	rance:			Clu	W	•	
Sample Collect	jon	Tim	ne Start: <u>841</u> 6	Т	ime Finished:	846	
Analyses:	oH / CLO4 / 0		)		R6 / TDS / CR 3 Bottles		
			NO3 / C 2 bottle		Т	OTAL BOTT	'LES:

		W	ater Sampling	Field Log		Well No.:	<u>m-82</u>	F
Project No .:			Site: TRONOX L	LC- HENDERS	ON, NEVAD	AC		
Sampling Team	: Michele Bro	wn, James \	<u> Winge, Eric Crawf</u>	ord		Date:	11-2-	06
Sampling Meth	od:	Electric Pun	p <b>O</b> Dedicated	l Bailer O N	on Dedicate	d Bailer O	Ready Flo 2	<u>0</u>
Weather Condi	lions:		pool					
Well Informa	ation:			_	(mB)	ł		
Total Well Dep	th:	36.60	feet	Time:	138			
Depth to Water	:	95.20	feet Well Di	ameter (circle c	one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	r Column (L):	14.10	(2-in)	4-in.	6-in	2.25 gal.	* <u>3</u> =	Mgallons
Field Meas	urements: Cumulative Volume		Depth Purging Fro			Observation	-	
Time	Purged	рН	Conductivity	Temp	1	Observation	5	
1040			1 7 87 005	19.3°C	0000	n a		
1042	<u>ک gal</u>	1.13	1.37 mS 1.38mS	19.7°C			<u></u>	
1045	<u> </u>	<u>7.66</u> <u>7.58</u>	1.39m5	19.6		ar		ł
E	gal							
	gal						,	
	gal							
Sample Appe	arance:		¢	lear				
Sample Colle		Tim	e Start: 1550	) Tir	ne Finished:	1050		
Analyses:	pH / CLO4 / 2 Bottle	CR / TDS		pH / CLO4 / CF	R6 / TDS / C Bottles	R		
Bottles: Comments:	MD-9	ener Ever	<u>NO3/C</u> 2 bottle			TOTAL BO	TTLES:	3

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	Water Sampling Field Log Well No.: <u>M- 多</u> 5									
Project No .:	<u></u>	1,	Site: TRONOX	LLC- HEND	ERSON, NE	VADA				
Sampling Te	am: Michele Br	own, James	s Winge, Eric Crav	wford		Date: )	-2-06			
Sampling Me	ethod:	Electric Pu	Imp @ Dedicat	ed Bailer O	Non Dedi	cated Bailer O Rea	ady Fio 2" O			
Weather Cor	nditions:		rool.							
Well Infor	mation:									
Total Well D	epth:	38.87	feet	Time:	806					
Depth to Wa	ter:	95.6C		Diameter (circ	cle one) 6-in		Purge Purge Factor Volume			
Height of Wa	ater Column (L):	13.27				= <u>2.12 gal.</u> *_	3 = le goel			
Field Mea	Field Measurements: Depth Purging From: 2 ft. below depth to water Cumulative Volume Specific									
Time	Purged	pН	Conductivity	Temp		Observations				
					<u> </u>					
810	2 gal	<u>N.88</u>	1.24ms	20.2°C	<u>_ cle</u>					
812	4 gal	1.80	1.24ms	<u>20°5</u>		rau				
814	<i>Le</i> gal	1.75	1.31  mS	<u> 20.2°</u>		la	۲			
	gal									
	gal									
	gal					**************************************				
Sample App	earance:		ļ	lear						
Sample Colle	ection -	Time	e Start: <u>814</u>		rime Finishe	ed: 816				
Analyses: Bottles:	pH / CLO4 / C 2 Bottles			0H/CLO4/C	CR6 / TDS / 3 Bottles	CR				
			NO3 / Cl 2 bottle			TOTAL BOTTLES	:_2_			
Comments:										

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			١	Nater Samplin	g Field Log	I	Well No.:	<u>M-80</u>	o
: .	Project No.:			Site: TRONOX	LLC- HENDEI	RSON, NE	VADA		
	Sampling Tea	ım: Michele Bı	own, Jame	s Winge, Eric Crav	vford		Date:	11-2-(	)(0
	Sampling Met	ihod:	Electric Pu	ump <b>©</b> Dedicate	ed Bailer O	Non Dedic	cated Bailer O	Ready Flo 2"	0
	Weather Con	ditions:	<u></u>	rool				·	
	Well Inform	nation:	_						
	Total Well De	pth:	43.6	O feet	Time:	<u>150</u>			
I	Depth to Wate	ər:	29.8		Vieweter (sizel		Well Volume (WV)	Purge Factor	Purge Volume
			12 1	Q-in.	Diameter (circle 4-in.	6-in	= 2.09 (gal.)		1
÷	Height of Wat	ter Column (L)	<u>ر ان دا</u>	feet * 0,16 gal/ft	* 0.65 gal/ft *	1.47 gal/ft	= <u>x.0 ( gai.</u>		6 gal
		•				0. 1			
	Field Meas	surements: Cumulative		Depth Purging Fr	om: 2 fl. below de	epin to water			
	Time	Volume Purged	pН	Specific Conductivity	Temp		Observations		
. <u>+</u>	<u>751</u>		<b></b>	<b></b>					
í i	M34	2 gal	<u>M.49</u>	4.34 mS	19.20	clu	en		
	155	<u> </u>	M.35	4.33 m S	20,100	cl	iar		
	r156	le gal	1.30	4.38 mS	20. 4.00	_cle	ar/		
		gal	<u> </u>			-			
		gal							
		gal							
	Sample Appe	arance.			plar	/			
	Sample Colle			ne Start: <u>158</u>			ed: <u>758</u>		
	Analyses:	pH/CLO4/			— oH / CLO4 / C	R6 / TDS /			
	Bottles:	2 Bottle		)		3 Bottles			
				NO3 / C 2 bottle			TOTAL BOTT	LES:	
	Comments:								
ī									
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	Water Sampling	Well No.: <u>M-84</u>							
Project No.:	Site: TRONOX L	LC-HENDERSC	DN, NEVADA						
Sampling Team: Michele Br	<u>own, James Winge, Eric Craw</u>	ford	Date: 1(-2-0(0						
Sampling Method:	Electric Pump Ø Dedicate	d Bailer O No	n Dedicated Bailer O Ready Flo 2" O						
Weather Conditions:	coal,		· · · · · · · · · · · · · · · · · · ·						
Well Information:									
Total Well Depth:	41.00 feet	Time: 🕼	29						
Depth to Water: Well Purge Purge Well Diameter (circle one) Volume (WV) Factor Volume									
Height of Water Column (L): $\frac{1}{6 \cdot 67}$ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 106 gal. * 3 = 3 gal									
Field Measurements: Depth Purging From: 2 ft. below depth to water									
Cumulative Cumulative Volume Time Purged		Temp	Observations						
1,38									
1039 gal	71.43 A.OAMS	<u>M.0°</u>	clear						
1040 2 gal	M.39 2.28 MS	20.7°C_	Clear						
641 3 gal	7.40 - 2.38 mS	<u>21.2°C</u>	clear .						
642 4 gal	7.40 2.44 MS	21.50	clear						
gal									
gal									
Sample Appearance:		Clear							
Sample Collection -	Time Start: 1043		e Finished: 1243						
	/ CR / TDS	pH / CLO4 / CR6 3 E	5 / TDS / CR Bottles						
Bottles: 2 Bott	NO3 / ( 2 bott	CLO3	TOTAL BOTTLES:						

1		Well No.:		88					
Project No.:			Site: TRONOX	LLC- HENDE	RSON, NEV	/ADA			
Sampling Tea	m: Michele Bro	wn, James	Winge, Eric Craw	<u>/ford</u>		Date:	- -	0(0	
Sampling Met	hod:	Electric Pu	Pump 🗞 Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O					0	
Weather Cond	litions:		Cool	<u> </u>			,	<u>, ,</u>	
Well Information:									
Total Well De	pth:	39.00	291.00 feet Time: 110M						
Depth to Wate	er:	30.6	30.61 feet			Well Volume (WV)	Purge Factor	Purge Volume	
Well Diameter (circle one)Volume (WV)FactorVolumeHeight of Water Column (L): $8,39$ feet* 0.16 gal/ft* 0.65 gal/ft* 1.47 gal/ft= 1.34gal.* 3= 44gal									
Field Measurements: Depth Purging From: 2 ft. below depth to water									
Time	Cumulative Volume Purged	рН	Specific Conductivity	Temp		Observations			
		m Eil	8,90 mS_	22.500	cleo				
11/12	<u>्र</u> gal 3 gal	<u>7.54</u> 1.34	8:64ms	23.4°C	<u> </u>			<u></u>	
11:14		H.31	8.67 mS	23.60	<u> </u>	<u>σ</u> λ)		ŧ	
<u> </u>	<u> </u>	<u>, 1401</u>	<u> </u>			<u>~~</u>	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		
	gal			Mar	<b>***</b>		,, <u>,</u>		
	gal								
<u></u>	<u></u> 94								
Sample Appe	earance:			<u>Clea</u>	<u>~</u>				
Sample Colle	ection -	Tim	e Start: <u>   (</u> @		Time Finishe				
Analyses:	pH / CLO4 / ( 2 Bottles		)	pH / CLO4 / (	CR6 / TDS / 3 Bottles	CR			
	NO3 / CLO3 2 bottles TOTAL BOTTLES: 2								

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	W	ater Sampling	Field Log		Well No.:	<u>m-80</u>	۱
Project No.:		Site: TRONOX L	LC- HENDEI	RSON, NEV	ADA		
Sampling Team: Michel	e Brown, James	<u> Winge, Eric Crawf</u>	ord		Date:	1-3-0	x(0
Sampling Method:	Electric Pur	np Ø Dedicated	Bailer O	Non Dedica	ated Bailer O Re	eady Flo 2"	0
Weather Conditions:	·	cool			······································	· · · ·	
Well Information:				,			
Total Well Depth:	39.01	Sfeet	Time:	621			
Depth to Water:	33.3	feet Well Di	ameter (circl	e one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Colum	n (L): <u>5163</u>	(2-in.)	4-in. * 0.65 gal/ft	6-in	= <u>, (0 gal.</u> *	3_=	<u>3gal</u>
Field Measuremer	nts:	Depth Purging Fro	om: 2 ft. below c	lepth to water			
Cumula Volui Time Purg	ative me	Specific Conductivity	Temp		Observations		
622	1.06	12.69m5	19.2 **	aril	( I T	<u></u>	
105 1	$\frac{\text{gal}}{\text{gal}} \left( 0.90 \right)$	14.00 mS	$\frac{100}{210^{\circ}}$		)ow		
<u> </u>	1 97	14.2/m5	22.100	- Jul	Sow		1.
<u> </u>	gal <u>6.10</u> gal <u>6.93</u>	13.86 mS	21.8°C	ge	1100		
•	gal			U		<u></u>	
	gal						
	**************************************		(10)10				
Sample Appearance:		1.20	ifello	Time Finish	ned: 1030		
Sample Collection -		ne Start: <u>(030</u>			<u></u>		
Analyses: pH / C Bottles: 2	LO4 / CR / TDS) Bottles		pH / CLO4 /	3 Bottles			
	The second	NO3 / C 2 bottl			TOTAL BOTT	کےLES	2

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				Water Samplin	ig Field Lo	g	Well No.: <u> </u>	92
	Project No .:			Site: TRONOX	LLC- HENDE	RSON, NE	VADA	
	Sampling Tea	am: Michele B	rown, Jame	s Winge, Eric Crav	wford		Date:	06
	Sampling Me	thod:	Electric P	ump @ Dedicat	ed Bailer O	Non Dedi	cated Bailer O Ready Flo 2	2" 0
	Weather Con	ditions:		rool	5104			
	Well Inforr	nation:						
. 1	Total Well De	epth:	48,5	0 feet	Time:	543		
	Depth to Wate	er:	36.9		Diameter (circl 4-in.	e one) 6-in	Well Purge Volume (WV) Factor	Purge Volume
	Height of Wat	ter Column (L)	11,51	2-in.) feet • 0.16 gal//t			= <u>1,84 gal.</u> * <u>3</u> =	6
	Field Meas	surements: Cumulative Volume Purged		Depth Purging Fr Specific Conductivity	om: 2 ft. below de Temp	epth to water	Observations	
	545							
	548	Ź gal	6.87	2.48 mS	20.3°C	Rle	ev	·
	550	il gal	4.06	2.54 ms	70.6°C	cle	av	
	<u></u>	Le gal	<u>M.15</u>	254 m	\$1.3°C	oll	Lán	÷
		gal	<u> </u>					
÷	4	gal			······			
ţ		gal						
	Sample Appe	arance:			Dec	U		······
*	Sample Collec	ction -	Time	e Start: <u>553</u>	_ Ti	me Finishe	d: <u>553</u>	
	Analyses: Bottles:	pH / CLO4 / 0 2 Bottles		<u>p</u>	H / CLO4 / CI 3	R6 / TDS / ( Bottles	CR	
	Comments:			NO3 / CL 2 bottles			TOTAL BOTTLES:	}
·	Johnnotha.							

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:	Water Sampling Field Log	Well No.: <u>M-93</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA
	own, James Winge, Eric Crawford	Date: 11-1-06
Sampling Method:	Electric Pump	ed Bailer O Ready Flo 2" O
Weather Conditions:	COOL	· · · · ·
Well Information:		
Total Well Depth:	14.00 feet Time: 613	
Depth to Water:	35,88 feet	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L)	: 3 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	2.09 gal. * 3 = 6 gpl
Field Measurements: Cumulative Volume	Depth Purging From: 2 ft. below depth to water Specific	
Time Purged	pH Conductivity Temp	Observations
618		1
121 2 gal	<u>7.45 4.01 ms 19.6° nla</u>	U.M.F.
624 4 gal	1.49 3.83 NS 20.70° pli	ghty cloudy
leale lo gal	7.50 3.85 mS 21.10° Ale	an the second se
gal		
gal		
gal		
Sample Appearance:	slear	
Sample Collection -	Time Start: (221) Time Finished	: <u>627</u>
Analyses: pH / CLO4 / Bottles: 2 Bottle		R
	NO3 / CLO3 2 bottles	TOTAL BOTTLES:
Comments:		

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	Wa	ater Sampling	j Field Log	3	Well No.:	m-94
Project No.:		Site: TRONOX L	LC- HENDE	RSON, NEVA	DA	
Sampling Team: Michele	<u> 3rown, James V</u>	<u>Vinge, Eric Craw</u>	ford		Date: _	10.30-06
Sampling Method:	Electric Pum	p 🛛 Dedicate	d Bailer O	Non Dedicate	ed Bailer O	Ready Flo 2" O
Weather Conditions:	<u> </u>	Ù M				
Well Information:						
Total Well Depth:	21.60	feet	Time:	11:55		
Depth to Water:	11.40	feet Well D	iameter (circ	e one)	Well Volume (WV)	Purge Purge Factor Volume
Height of Water Column (	L): 10.20	2-in. feet * 0.16 gal/ft	4-in.	6-in	j.63 gal.	* <u>3 = 5 gal</u>
Field Measurements Cumulativ Volume Time Purged	/e	Depth Purging Fro Specific Conductivity	om: 2 ft. below d Temp		Observations	
1156				<u> </u>	• \	
1154 <u>2</u> gal		<u>1.03 mS</u>	24.1	<u>Cli</u>	<u>N</u>	
1204 7 gal		8.48 mS	24.1		<u></u>	
1206 5° gal		8.74 mS	24.4	_clia		-
gal	·					
gal						
gal	·····	· · · · · · · · · · · · · · · · · · ·				
Sample Appearance:			Clea	N		
Sample Collection -	Time	Start: <u>1                                   </u>		ime Finished:	1207	
Analyses: <u>pH / CLO4</u> Bottles: 2 Bot	/ CR / TDS tles	(F	H / CLO4 / C	CR6 / TDS / Cl 3 Bottles	R	
		NO3 / Cl 2 bottle			TOTAL BOTT	'LES: <u>3</u>

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1	Wa	ter Sampling	i Field Log	3	Well No.:	<u>m-9</u>	5
Project No.:	5	Site: TRONOX L	LC- HENDE	RSON, NEV	ADA		
Sampling Team: Michele	<u>Brown, James W</u>	inge, Eric Craw	ford		Date:	10-30	-06
Sampling Method:	Electric Pump	O C Dedicate	d Bailer O	Non Dedica	ted Bailer O	Ready Flo 2	'O
Weather Conditions:	wa	rm le	Jok				
Well Information:							
Total Well Depth:	30.00	feet	Time:	903			
Depth to Water:	9.90	feet Well Di	ameter (circ 4-in.	e one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (	(L): <u>20.10</u>				= <u>321 gal.</u>	*=_	10 gal
Field Measurement Cumulati Volume	ve	Depth Purging Fro	om: 2 ft. below c	epth to water			
Time Purged		Conductivity	Temp		Observations	i	
904	gy is the did too			<u> </u>			
9010 A ga	1.39 5	3.72 mS	23.600	<u>_ll</u>	an		
<u>908 4 ga</u>	<u>M.39</u>	8.85 mS	24,100		lar		
910 t 10 ga	1.39	8.82 mS	24.50	<u>- cle</u>	a		
ga	L						
ga	<u> </u>						······
ga	<u> </u>			••••••			
Sample Appearance:			cli	ir)			
Sample Collection -	Time	Start: <u>91(</u>	-	Time Finished	d: <u>91(</u>	-	
Analyses: pH/CLO Bottles: 2 Bo	4 / CR / TDS	F	0H / CLO4 / (	CR6 / TDS / C 3 Bottles	CR		
		NO3 / Cl 2 bottle			TOTAL BOT	TLES:	

Water Sampling Field Log Well No.: M-96
Project No.: Site: TRONOX LLC- HENDERSON, NEVADA
Sampling Team: Michele Brown, James Winge, Eric Crawford Date: 10-30-66
Sampling Method: Electric Pump @ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O
Weather Conditions: COOL
Well Information:
Total Well Depth: 16-90 feet Time: 8:52
Depth to Water: <u>9.93 feet</u> Well Diameter (circle one) Volume (WV) Factor Volume
Height of Water Column (L): $297$ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = $1.11$ gal. * 3 = $3901$
Field Measurements:       Depth Purging From: 2 ft. below depth to water         Cumulative       Volume       Specific         Time       Purged       pH       Conductivity       Temp       Observations         XT3
855 1 gal 7.65 8.07 ms 24.6° Very durty
856 2 gal 7.41 8:06 mg 24.3°C charing
858 3 gal 11:38 8.12 mS 25:00 cloudy
gal
gal
gal
Sample Appearance:
Sample Collection - Time Start: 859 Time Finished: 859
Analyses:     pH / CLO4 / CR / TDS     pH / CLO4 / CR6 / TDS / CR       Bottles:     2 Bottles     3 Bottles
Comments: <u>NO3/CLO3</u> <u>2 bottles</u> TOTAL BOTTLES: <u>2</u>

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į	Water Sampli	ng Field Log	Well No.: M-9M	
Project No.:	Site: TRONO	X LLC- HENDER	RSON, NEVADA	
Sampling Team: Michele Br	own, James Winge, Eric Cr	awford	Date: 11-1-010	
Sampling Method:	Electric Pump  Dedication	ated Bailer O	Non Dedicated Bailer O Ready Flo 2" O	
Weather Conditions:	Cool			
Well Information:				
Total Well Depth:	52.50 feet	Time:	558	
Depth to Water:	40.07 feet	Diameter (circle	Well Purge Purge one) Volume (WV) Factor Volume	
Height of Water Column (L):	2-in.)	4-in.	$\frac{1.47 \text{ gal/ft}}{6 \cdot \ln} = \frac{1.98 \text{ gal.}}{2} \times 3 = \frac{1}{2}$	
Field Measurements: Cumulative		From: 2 ft. below de	pth to water	
Volume Time Purged	Specific pH Conductivity	Temp	Observations	
<u></u>			0	
<u>403</u> <u>2 gal</u>	7.09 5.00 mS		clear	
604 4 gal	7.11 4.97 mS	20.9"	Cleur	
leOle 6 gal	<u>M.13 5.03 mS</u>	20.9°C	clear :	
gal		<u> </u>	······································	
gal				
gal		···· ······		
Sample Appearance:	`	ollar		
Sample Collection -	Time Start: 1008	Tii	me Finished: $l_0 0 8$	
Analyses: pH / CLO4 / Bottles: 2 Bottles		pH / CLO4 / CF 3	R6 / TDS / CR Bottles	
	<u>NO3 /</u> 2 bot	CLO3	TOTAL BOTTLES:	

) Comments:

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ł	Water Sampling Field Log	Well No.: <u>M-98</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEV	ADA
	own, James Winge, Eric Crawford	Date: 10.31-06
Sampling Method:	Electric Pump O Dedicated Bailer O Non Dedica	ated Bailer O Ready Flo 2" O
Weather Conditions:		
Well Information:		
Total Well Depth:	<u>33.40 feet</u> Time: <u>825</u>	
Depth to Water:	30.00 feet WelhDiameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L)	: <u>3,40</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 0.54 gal. * 3 = 2gal
Field Measurements: Cumulative Volume Time Purged		Observations
<u>83</u> gal	7.41 5.44 ms 22.0°C Al	lar
833 1.5 gal	1.38 5.57mS 22.7°C C	liar
834 2 gai		lear :
gal		
gal		
gal		
Sample Appearance:	clear	
Sample Collection -	Time Start: 835 Time Finishe	ed: 835
Analyses: pH / CLO4 / Bottles: 2.Bottl	/ CR / TDS pH / CLO4 / CR6 / TDS / es 3 Bottles	CR
Comments:	De get w NADAL well we	TOTAL BOTTLES:

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		W	ater Sampling	Field Log	j	Well No.:	<u>M-9</u>	9
Project No.:			Site: TRONOX L	LC- HENDE	RSON, NEVADA	<u>\</u>	<u></u>	
Sampling Tear	n: Michele Bro	wn, James '	Winge, Eric Craw	ford		Date:	10.3	1-06
Sampling Meth	iod:	Electric Pur	np O Dedicate	d Bailer O	Non Dedicated	Bailer O	Ready Flo	2" 0
Weather Cond	itions:		<u>1001</u>					
Well Inform	ation:							
Total Well Dep	oth:	36.50	feet	Time: _	840			
Depth to Wate	r:	21,96	feet	iameter (circ	e one) 🕔	Well /olume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):	8.54	feet * 0.16 gal/ft	4-in. * 0.65 gal/ft	6-in	i∃ûr gal.	* <u>3</u> =	- Ygel
Field Meas	urements:		Depth Purging Fro	om: 2 ft. below c	lepth to water			
Time	Cumulative Volume Purged	рН	Specific Conductivity	Temp		bservations		
841			46 B m 17 17	+				
842	<u> </u>	<u>M.26</u>	7.22 ms	<u>21.6°C</u>	<u></u>	W		-
843	<u>ع gal</u>	1.20	M-31mS	<u>22.5°C</u>	<u></u>	ev		
845	کل gal ^t	<u>M.18</u>	M.38 mS	22.6°	ple	ar		<u> </u>
	gal							<u></u>
	gal				· · · · · · · · · · · · · · · · · · ·			
	gal					AF - 1		
Sample Appe	earance:			d	ar			
Sample Colle		Tim	e Start: 846	<u>2</u> .	Time Finished:	846	-	
Analyses: Bottles:	DH / CLO4 / 2 Bottle			pH / CLO4 /	CR6 / TDS / CR 3 Bottles			
Dottico.			NO3 / C 2 bottle		-	TOTAL BOT	TLES:	2

	Water Sampling Field Log	Well No.: M-100
Project No.:	Site: TRONOX LLC- HENDERSC	DN, NEVADA
	rown, James Winge, Eric Crawford	Date: 11-2-06
Sampling Method:	Electric Pump @ Dedicated Bailer O No	on Dedicated Bailer O Ready Flo 2" O
Weather Conditions:		· · · · · · · · · · · · · · · · · · ·
Well Information:		
Total Well Depth:	32,80 feet Time: 10	25
Depth to Water:	Ale. 21 feet Well Diameter (circle o	Well Purge Purge ne) Volume (WV) Faclor Volume
Height of Water Column (	,	$\frac{6 - in}{7 \text{ gal/ft}} = 1.04 \text{ gal.} * 3 = 3 \text{ gal}$
Field Measurements Cumulativ Volume Time Purged	/e	n to water Observations
1026		
1027 \ gal	1.58 2.17 mS 17.70	clear
1028 2 gal	M.54 a.1+ms 19.8"	clear
1029 <u>3 gal</u>	MCD DULLAS 202°	clean.
gal		
ga		
ga		
Sample Appearance:	Nlei	w
Sample Collection -	Time Start: <u>しうろ</u> Tim	ne Finished: 1030
Analyses: pH / CLO	4/CR/TDS pH/CLO4/CR	6 / TDS / CR Bottles
Bottles: 2 Bo	NO3 / CLO3	4
<b>`</b>	2 bottles	TOTAL BOTTLES:
Comments:	www.	

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	Water Sampling Field Log	Well No.: M-161
Project No.:	Site: TRONOX LLC- HENDERSON, NE	VADA
	Brown, James Winge, Eric Crawford	Date: 11-2-06
Sampling Method:		cated Bailer O Ready Flo 2" O
Weather Conditions:	rool	<u></u>
Well Information:		
	3120 feet Time: 104	
Total Well Depth:	31.30 feet Time: $109$	Well Purge Purge
Depth to Water:	Well Diameter (circle one) (2-in) 4-in. 6-in	Volume (WV) Factor Volume
Height of Water Column (		= + + = 1.33
Field Measurements	Contract Con	
Cumulati Volume	ve Specific	
Time Purged		Observations
<u>M05</u>		infly Alocaly
MOM .5 ga		
<u>408   ga</u>		
710+ 1.5 ga	1 <u>M.65 4.44ms 18.3" Ule</u>	.00
ga	<u> </u>	
ga	<u> </u>	
ga	<u> </u>	
Sample Appearance:	Time Start: <u>113</u> Time Finis	hed: 1713
Sample Collection -	4 / CR / TDS pH / CLO4 / CR6 / TDS	
	ttles 3 Bottles	
	<u>NO3 / CLO3</u> 2 bottles	TOTAL BOTTLES:
	S Arily	
Comments:		
pur	7	

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		W	ater Sampling	l Field Log	Well No.: M-162
Project No.:			Site: TRONOX L	LC- HENDER	SON, NEVADA
	n: Michele Bro	own, James	<u>Winge, Eric Craw</u>	ford	Date: <u>11-2-00</u>
Sampling Meth		Electric Pur			Non Dedicated Bailer O Ready Flo 2" O
Weather Condi		C	100	,,	
Well Inform	ation:				
Total Well Dep	th:	43,50	) feet	Time:	<u>e49</u>
Depth to Wate	r:	37.51	Well D	iameter (circle 4-in	6-in
Height of Wate	er Column (L)	: <u>lo.0</u>	<u>(2-in.)</u> () feet * 0.16 gai/ft		or contraction
Field Meas			Depth Purging Fr	om: 2 ft. below de	pth to water
Time	Cumulative Volume Purged	рН	Specific Conductivity	Temp	Observations
_650_	· · · · · · · · · · · · · · · · · · ·				
1052	gal	<u>17.60</u>	2.41 MS	20.3	Dilghty alounly.
1053	之 gal	<u>M.57</u>	2.50ms	21.900	<u>ellan</u>
654	<u>3 gal</u>	7.57	252 mS	<u> 22.6°</u>	clear
	gal				
	gal			<u> </u>	
	gal				
Sample Appe	earance:				
Sample Colle	ection	Tin	ne Start: <u>455</u>	Т	Time Finished: $1055$
Analyses: Bottles:	PH / CLO4 2 Bott	/ CR / TDS	)	pH / CLO4 / C	CR6 / TDS / CR 3 Bottles
			NO3/( 2 bott		TOTAL BOTTLES:
Comments:	empul	40,D	- aic)		
ı	Davet	DTU	n.A.		
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1	Water Sampling Field Log	Well No.: M-115
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA
Sampling Team: Michele B	rown, James Winge, Eric Crawford	Date: 11-3-06
Sampling Method:	Electric Pump  Dedicated Bailer O Non Dedicat	ed Bailer O Ready Flo 2" O
Weather Conditions:	Crol 56°F	·
Well Information:		
Total Well Depth:	47,50 feet Time: <u>1:36</u>	
Depth to Water:	37.19 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L		= <u>1.2e</u> gal. * <u>3</u> = <u>5</u> gp2L
Field Measurements Cumulativ Volume Time Purged		Observations
		Adu
<u>M40 2 gai</u>	1.57 3.34 m.S 20.4°C MML	<u>nuky</u>
<u>M43</u> 4 gal M44 5 gal	<u>1.56 3.36ms 21.3°C Alla</u> M.52 3.31.MS 22.1°C Oll	av +
<u></u> gal		
gal		
gal		warnen
Sample Appearance:	clear	
Sample Collection -	Time Start: <u>MH5</u> Time Finished	± <u>145</u>
	PH/CLO4/CR6/TDS/C	<u>DR</u>
	<u>NO3 / CLO3</u> 2 bottles	TOTAL BOTTLES:

:	Water Sampling Field Log	Well No.: <u>PC-3M</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAD	Α
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 10-30-06
Sampling Method:	Electric Pump  Dedicated Bailer O Non Dedicated	l Bailer O Ready Flo 2" O
Weather Conditions:	Warn	
Well Information:		
Total Well Depth:	4308 feet Time: 11:16	
Depth to Water:	A4.15 feet Well Diameter (circle one)	Well         Purge         Purge           Volume (WV)         Factor         Volume
Height of Water Column (L)	(2-in.) 4-in. 6-in	3.02 gal. * 3 = 9 gal
Field Measurements: Cumulative Volume Time Purged	Specific	Observations
11:18	137 850 ms 23.8° Clu	(D, ) .
11:22 3 gal	7.43 8.68 mS 23.8° (1)	( ( A )
$\frac{1126}{1126}$	<u>M.41 8.73mS 24.6°C Cle</u>	iv t
gal		
gal		
gal		
Sample Appearance:	dear	
Sample Collection -	Time Start: 1124 Time Finished:	1127
Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bottl</u>		ξ
	NO3 / CLO3	TOTAL BOTTLES: 2

1		Wa	ater Sampling	Field Log		Well No.:	PC-54	م 
Project No.:			Site: TRONOX L	LC- HENDERS	SON, NEVA	DA		<u></u>
	n: Michele Bro	wn, James \	<u> Ninge, Eric Crawl</u>	iord		Date:	10.30-	06
Sampling Metho		Electric Purr			Ion Dedicate	ed Bailer O R	eady Flo 2" O	
Weather Condi	tions:	W	(and					
Well Informa	ation:							
Total Well Depi	th:	34.60	feet	Time:	137			
Depth to Water	:	15,13	 Well D	iameter (circle	one)	Well Volume (WV)	Purge Faclor	Purge Volume
Height of Wate	r Column (L):	19.47	e-in.	4-in. * 0.65 gal/ft * 1	6-in	- <u>3.11 gal.</u> '	- <u>3</u> =0	gal.
Field Measu	urements: Cumulative Volume Purged	рН	Depth Purging Fro Specific Conductivity	om: 2 ft. below dep Temp	oth to water	Observations		
943 943 945 944	ζ   gal     (ρ   gal     Π   gal     gal     gal     gal	1.29 1.29 1.28	7.40 mS 7.44 mS M.39 mS	24.7°° 25.0°° 24.8°°	plic pila ple	intly p intly c	loudy	<u>}</u>
	gal			c)100				
Sample Appe	arance:	••••••••••••••••••••••••••••••••••••••	0,10		<u> </u>	. Oils		
Sample Colle			e Start: <u> </u>		ime Finished	· · · · ·		
Analyses: Bottles:	pH / CLO4 / 2 Bottl		<u> </u>	pH / CLO4 / C	3 Bottles			
			NO3 / C 2 bottle			TOTAL BOT	rles:	

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Comments:

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	1		W	ater Sampling	Field Log	Well No.:	PC-r	11
	Project No.:			Site: TRONOX LL	.C- HENDERSC	DN, NEVADA		
		Michele Bro	wn, James V	Winge, Eric Crawfo		Date:	10-30	0-06
	Sampling Method		Electric Pun			n Dedicated Bailer O	Ready Flo 2	2" 0
·	Weather Condition		V	)arm				
	Well Informa							
·	Total Well Depth		33.23	) feet	Time: <u>10</u>	37		
	Depth to Water:		<u>aa.12</u>	D feet Well Dia	ameter (circle o	Well ne) Volume (WV)	Purge Factor	Purge Volume
	Height of Water	Column (L):	10.80	(2-in.)	4-in. * 0.65 gal/ft * 1.4	6-in	<u>.</u> * <u>3</u> =	5gal
-								
1	Field Measu			Depth Purging Fro	m: 2 ft. below depth	n to water		
·		Cumulative Volume		Specific	Temp	Observation	IS	
	Time	Purged	рН	Conductivity	Temp			
	1039	<u> </u>		9.10.1 m S	24.200	clear		
	10:43	<u> </u>	- <u>- 1:22</u> 7.42		24.200	clear		
	10:,44	<u> </u>	7.36	9.46 mS	24.50,0	clear		
	<u></u>	gal	·					
:		gal						
		gal					<u></u>	
					Algor	/		
	Sample Appea		Tim	ne Start: 10:44		ne Finished: 10:니숙	5	
:	Sample Collec	pH / CLO4		\	oH / CLO4 / CR	6 / TDS / CR		
-	Analyses: Bottles:	2 Bottl	es	/	3	Bottles		<b>A</b> ,
:				NO3 / C 2 bottle		TOTAL BO	DTTLES:	2
1	Comments:					·		
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	Wa	ater Sampling	Field Log		Well No.:	PC-M2	<u>کـــــــــــــــــــــــــــــــــــ</u>
Project No.:		Site: TRONOX L	LC- HENDERS	ON, NEVADA	<b>\</b>		
Sampling Team: Michele	Brown, James \	<u> Ninge, Eric Crawf</u>	ord		Date:	10-30	<u>)-0(0</u>
Sampling Method:	Electric Purr			on Dedicated	Bailer O	Ready Flo 2	10
Weather Conditions:		Warm	, 69° ₽				
Well Information:							
Total Well Depth:	39.54	feet	Time: <u>10</u> 1	19			
Depth to Water:	27.64	feetWell Di	ameter (circle o		Well /olume (WV)	Purge Faclor	Purge Volume
Height of Water Column	(L): <u>  .9</u>	feet * 0.16 gal/ft	4-in. * 0.65 gal/ft * 1.4	6-in 17 gal/ft =	.90 gal.	* <u>3</u> =	legal
Field Measuremen Cumula		Depth Purging Fro	om: 2 ft. below depti	h to water			
Volum Time Purge	ne	Specific Conductivity	Temp	о	bservations	5	
1050							
1052 2 9	al <u>1.46</u>	8.24 mS	<u>'23.5°C</u>	<u>ello</u>	N		,
1054 4 9	<u>al M.38</u>	8.33 mS	83.7°C	<u>lla</u>	<u>~</u>		
· 1056 6 g	al <u>1,39</u>	8.31 mS	23.80	clia	N	<u></u>	+
g	<u>al</u>						
<u>c</u>	jal					<u></u>	
<u>C</u>	jal						
Comple Appearance'			Near				
Sample Appearance: Sample Collection -		e Start: 1051	) Tin	ne Finished: _	1057		
Analyses: pH / CL	04 / CR / TDS	\\$		86 / TDS / CR Bottles			
Bottles: 2 E	Bottles	NO3 / C 2 bottle	LO3		TOTAL BO	ITLES: Ć	$\mathcal{V}_{-}$

1	Water Sampling Fie	d Log Well No.:	PC-113
Project No.:	Site: TRONOX LLC- H	ENDERSON, NEVADA	
Sampling Team: Michele Br	own, James Winge, Eric Crawford	Date: 1	0-30-06
Sampling Method:	Electric Pump      Dedicated Bail	er O Non Dedicated Bailer O F	Ready Flo 2" O
Weather Conditions:	Warm		
Well Information:			
Total Well Depth:	HQ. HY feet	Time: 11'-0 1	
Depth to Water:	30, ale feet	Well wr (circle one) Volume (WV)	Purge Purge Factor Volume
Height of Water Column (L)	(2-in.) 4	in. 6-in	*_3 = 9gal
Field Measurements: Cumulative Volume Time Purged	Specific	below depth to water mp Observations	· ·
<u>11:03</u> <u> </u>	7.40 8.01 ms 23	.8° Clai	
11:07 6 gal	7.34 8.16ms 20		
$\frac{1100}{100} - 9 \text{ gal}$		t. 1°C Clear	£
gal			
gal			
gal			
Sample Appearance:		lear	
Sample Collection -	Time Start: 1111	Time Finished:	
Analyses: pH / CLO4 / Bottles: 2 Bottle		_O4 / CR6 / TDS / CR 3 Bottles	
	NO3 / CLO3 2 bottles	TOTAL BOTT	LES: 2

J		١	Nater Samplin	g Field Log	Well No.:	PC-1	23	
Project No .:			Site: TRONOX	LLC- HENDER	SON, NEVA			
Sampling Tea	<u>im: Michele Br</u>	own, Jame	<u>s Winge, Eric Crav</u>	vford		Date:	10-30	-06
Sampling Met	thod:	Electric Pu			Non Dedicat	ed Bailer O	Ready Flo 2'	<u>'0</u>
Weather Con	ditions:	<u></u> Coc	). 45 %	: MD				
Well Inform	nation:	_						
Total Well De	pth:	34-71	) _{feet}	Time: _ ੯	546			
Depth to Wate	er:	23.0		liameter (circle	one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	er Column (L):	<u></u> ,щ	0 feet * 0.16 gal/ft	4-in. * 0.65 gal/ft * 1	6-in .47 gal/ft ==	1.87 gal.	*3_=_	6 god
Field Meas	surements: Cumulative			om: 2 ft. below dep	oth to water			
Time	Volume Purged	рН	Specific Conductivity	Temp		Observations		
548								
551	á gal	6.65	8.90 mis	<u>20.9°C</u>	cl	ear		
553	나 gal	6.88	8.97mS	<u>219°C</u>	<u>pl</u>	lar		
555	gal	10.99	8.72 mS	22.1°C	Q	lear		
	gal			·····				
	gal					· · · · · · · · · · · · · · · · · · ·		
	gal		······	<u></u>				
Sample Appe	earance:	<u></u>						
Sample Colle	ction -	Tim	e Start: <u>556</u>	_ Tin	ne Finished:	_556		
Analyses:	pH / CLO4 / ( 2 Bottles		)F	0H / CLO4 / CR 3	6 / TDS / CI Bottles	2		
			NO3 / Cl 2 bottle			TOTAL BOTT	LES:_1	1

Water Sampling Field Log	Well No .: DC-124
Project No.: Site: TRONOX LLC- HENDERSON, N	EVADA
Sampling Team: Michele Brown, James Winge, Eric Crawford	Date: 10.30-04
Sampling Method: Electric Pump @ Dedicated Bailer O Non Ded	icated Bailer O Ready Flo 2" O
Weather Conditions: 000L	
Well Information:	
Total Well Depth: 34.60 feet Time: 10:01	
Depth to Water: <u><u>à</u><u>4</u>.<u><u>Q</u><u>0</u> feet <u>Well Diameter (circle one)</u></u></u>	Well Purge <b>Purge</b> Volume (WV) Factor <b>Volume</b>
Height of Water Column (L): <u>Q. 10 feet</u> * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= <u>1,55 gal.</u> * <u>3</u> = <u>5 gal</u>
Field Measurements: Depth Purging From: 2 ft. below depth to water Cumulative Volume Specific	• •
Time Purged pH Conductivity Temp	Observations
<u>le:06</u>	
12:08 2 gal M.29 3.76 mS 18.5°C Me	iddy
10:09 4 gal M.11 6.83 mS 20.1° plic	phtly muddy
6:11: 5 gal 7.12 6.85 ms 20.9° DUG	phy cloudy.
<u>le:12 7 gal 1.19 6.93 ms 21.12 mu</u>	uddy
gal	
gal	
Sample Appearance: Muldaly	
Sample Collection - Time Start: 14 Time Finished	d: 10:14
Analyses: pH / CLO4 / CR / TDS pH / CLO4 / CR6 / TDS / C Bottles: 2 Bottles 3 Bottles	CR
NO3 / CLO3 2 bottles	TOTAL BOTTLES:
Comments:	

and the		١	Vater Sampling	g Field Log	Well No .: PC-125		
Project No.:			Site: TRONOX	LC- HENDEF	RSON, NEVADA		
Sampling Tea	m: Michele Br	<u>own, Jame</u> :	s Winge, Eric Craw	ford	Date: 10-30-06		
Sampling Method: Electric Pump @ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O							
Weather Cond	titions:	<u></u>	<u> </u>				
Well Inform	nation:						
Total Well Dep	oth:	33.5	<u>) feet</u>	Time:	<u>le:21</u>		
Depth to Wate	<b>):</b>	23.2		iameter (circle	Well Purge <b>Purge</b> e one) Volume (WV) Faclor <b>Volume</b>		
Height of Wate	er Column (L):	100	<u>2-in.</u> <u>5 feet</u> * 0.16 gal/ft	4-in.	6-in		
Field Meas	urements: Cumulative Volume Purged	рH	Depth Purging Fro Specific Conductivity	om: 2 ft. below de Temp	epth to water Observations		
Le22		/ 					
10:24	_کgal	721	M.58mS_	19.6°C	cloudy		
6:25	나 gal	<u>M.18</u>	7.33mS	21.4°C	cloudy		
6.26	<u> </u>	7.21	7.22ms	alar	- cloudy		
	gal	_		<u></u>	۹ 		
	gal						
	gal		······	·····	/		
Sample Appearance:							
Analyses:	pH/CLO4/			-	R6 / TDS / CR		
Bottles:	2 Bottles	3	)		3 Bottles		
	<u>NO3 / CLO3</u> <u>2 bottles</u> TOTAL BOTTLES:						

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i	Water Sampling Field Log	Well No .: PC-126				
Project No.: Site: TRONOX LLC- HENDERSON, NEVADA						
Sampling Team: Michele Brow	own, James Winge, Eric Crawford	Date: 10-30-06				
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicated	· · · · ·				
Weather Conditions:	LOOL					
Well Information:						
Total Well Depth:	34.30 feet Time: 6:34					
Depth to Water:	<u>AAHS feet</u> <u>Well Diameter (circle one)</u> (2-in. 4-in. 6-in	Well Purge Purge Volume (WV) Factor Volume				
Height of Water Column (L): _	11.85 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	<u>1,89 gal.</u> * <u>3</u> = legal				
Field Measurements: Cumulative Volume Time Purged	Depth Purging From: 2 ft. below depth to water Specific pH Conductivity Temp	Observations				
<u>636</u>						
<u>637</u> <u>2 gal</u>	7.18 12.35 mS 19.5° Dlig	ntly cloudy				
· · · · · · · · · · · · · · · · · · ·	7.15 12.66ms 20.6° Very	Dlightly cloudy				
le-40 le gal	7.13 12.44ms 21.3°C Cle	er ·				
gal						
gal						
gal						
Sample Appearance:	clear					
Sample Collection - Time Start: $l_{0}42$ Time Finished: $l_{0}42$						
Analyses: pH / CLO4 / CF Bottles: 2 Bottles	R / TDS pH / CLO4 / CR6 / TDS / CR 3 Bottles	·				
	<u>NO3 / CLO3</u> <u>2 bottles</u>	TOTAL BOTTLES:				
Comments:						

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	1		W	ater Sampling	Field Log		Well No.:	26-124
	Project No.:			Site: TRONOX LI	_C- HENDERS	ON, NEV	ADA	
	Sampling Team	n: Michele Bro	own, James	Winge, Eric Crawf	ord		Date: <u> </u>	).30-106
	Sampling Meth	od:	Electric Pu			on Dedica	ited Bailer O Rea	dy Flo 2" O
	Weather Condi	tions:	<u> </u>	00l 500F				
	Well Inform	ation:						
	Total Well Dep	th:	34.71		Time: <u> </u>	<u>e49</u>		
	Depth to Water	r:	19.21	feet Well Di	ameter (circle o	one)		Purge Purge Factor Volume
a Arran a ta	Height of Wate	er Column (L)	: 15,40	2-in.) feet * 0.16 gal/ft	4-in. * 0.65 gal/ft * 1.	6-in 47 gal/ft	=_2.47gal. *_	3 = 7 gal
;	Field Meas	urements: Cumulative		Depth Purging Fro	m; 2 ft. below dep	th to water		
	Time	Volume Purged	рН	Specific Conductivity	Temp		Observations	
; ; } -	450	ی در در به در ب				<u> </u>		
. !	652	<u>3</u> gal	<u>M.35</u>	9:14m5	19.10°C	RU	<u>or</u>	
	654	<u> </u>	<u>M.32</u>	8.44 mS	21.7		lar	
•	455	M gal	<u>M.30</u>	8.65 mS'	21.500	<u>cl</u>		
		gal	······					
a na an		gal			<u></u>			
		gal			<u></u>		<u>,</u>	
ŧ,	Sample Appe	arance:			clear	)		
-	Sample Colle	ection -	Tin	ne Start: <u>(0.511</u>	Tì	me Finishe	ed: <u>le57</u>	
	Analyses	pH / CLO4 2 Bott	/ CR / TDS	)1	pH / CLO4 / CF 3	R6 / TDS / Bottles	CR	
	Bottles:			<u>NO3/C</u>			TOTAL BOTTLE	:s: 2
		n.	1.1	<u>2 bottle</u>	<u>35</u>			• • •
1	Comments:	mo-3 Hall	en h	flo				
		YUN	- J- 10	~				

	Water Sampling Field Log	Well No.: <u>PC-128</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAD/	Α
	own, James Winge, Eric Crawford	Date: 10.30-0(p
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicated	I Bailer O Ready Flo 2" O
Weather Conditions:	rool	<u>`</u>
Well Information:		
Total Well Depth:	34.70 feet Time: <u>M03</u>	
Depth to Water:	Well Blumbtor (Constanting)	Well         Purge         Purge           Volume (WV)         Factor         Volume
Height of Water Column (L)		2.59 gal. * 3 = 8 goel
Field Measurements: Cumulative Volume Time Purged	Specific	Observations
<u>405</u>	7.48 5.60 m 21.3°° plea	N )
<u>MOM</u> <u>3 gal</u>		
MIC (gal	<u>7.47 5.69ms 21.50 Alla</u> <u>7.45 5.72°ms 22.9° Alla</u>	
MIL 8 gal	1.45 <u>3.112 110</u> <u>aars</u> <u>1.45</u>	
gal		
gal		
<u> </u>		
Sample Appearance:	plear	411
Sample Collection -	Time Start: <u>MIH</u> Time Finished:	<u>MI4</u>
Analyses: pH / CLO4 Bottles: 2 Bott	/ CR / TDS pH / CLO4 / CR6 / TDS / CF les 3 Bottles	{
Comments: MC	alun 4 batter out 4 batter aut	TOTAL BOTTLES: <u>4</u>

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	Water Sampling	Field Log	Well No.:	PC-129
Project No.:	Site: TRONOX LI	C- HENDERSON	I, NEVADA	
Sampling Team: Michele Bro	<u>own, James Winge, Eric Crawf</u>	ord	Date:	10.30-06
Sampling Method:	Electric Pump @ Dedicated		Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	COOL 3	52° F		·
Well Information:				
Total Well Depth:	37.70 feet	Time: <u> </u>	15	
Depth to Water:	18.55 feet Well Did	ameter (circle one	Well Volume (WV)	Purge Purge Factor Volume
Height of Water Column (L)	: 19.15 feet * 0.16 gal/ft	4-in. 6-i * 0.65 gal/ft * 1.47 g	7 1	* <u>3</u> = <u>9gal</u>
Field Measurements: Cumulative		m: 2 ft. below depth to	water	
Volume Time Purged	Specific pH Conductivity	Temp	Observations	
Maz			1 .	Δ
Male 3 gal	1.23 6.55 ms	20.5° (	lightly (	loudy
TAR 6 gal	1.15 6.88 mS	21. Mec A	lightly C	loudy -
<u>131 9 gal</u>	<u>7.13</u> <u>7:19 mS</u>	21.750	loudy	-
M33 11 gal	_7.12 7.30mS	21.6°C R	1budy	
735 13 gal	7.14 7.56 mS	A1.8	<u>cloudy</u>	
gal				
Sample Appearance:		clou	dy	
Sample Collection -	Time Start: <u>136</u>	Time	Finished: <u>M34</u>	-
Analyses: <u>pH / CLO4</u> Bottles: <u>2 Bottl</u>		0H / CLO4 / CR6 / 3 Bo	TDS / CR ttles	
	NO3 / Cl 2 bottle		TOTAL BOT	TLES: 2
Comments: MD-4 YW	en une bottles			
	v			

1		V	Vater Samplin	g Field Log	1	Well No.:	PC-	130
Project No.:			Site: TRONOX	LLC- HENDEI	RSON, NEV/	ADA	······	
Sampling Tea	am: Michele Br	own, James	s Winge, Eric Crav	vford		Date:	10-31	5-06
Sampling Me	thod:	Electric PL	Imp @ Dedicate	ed Bailer O	Non Dedica	ted Bailer O	Ready Flo 2	2" 0
Weather Con	ditions:	<u> </u>	001				· · · · · · · · · · · · · · · · · · ·	
Well Inform	nation:							
Total Well De	epth:	49.7	0 feet	Time: _	7:40			
Depth to Wat	er:	19.10	Well C	Diameter (circle 4-in.	e one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wa	ter Column (L):	306	2-in.) () feet * 0.16 gal/ft			= 4,89 gal.	* <u>3</u> =	15 gal
Field Meas	surements: Cumulative		Depth Purging Fr	om: 2 ft. below de	epth to water			
Time	Volume Purged	рН	Specific Conductivity	Temp		Observations	i	
741				••••••				
145	5 gal	<u>M.22</u>	7.38ms	21.100	cli	ar		
M49	i 🕲 mb	7.25	7.37 mS	<u>al. 100</u>	<u>ple</u>	an		
153	15 gal	Male	7.35 mS	<u>21.3°</u>	pl	lov	۴	
	gal							
	gal			·			·····	
	gal	<u></u>						
Sample Appe	earance:			cliar	<u>ل</u>			
Sample Colle	ection -	Tim	e Start: <u>154</u>	Ti	me Finished	: M54		
Analyses: Bottles:	pH/CLO4/ 2 Bottles		<b>i</b>	H / CLO4 / Cl	R6 / TDS / C 3 Bottles	R		
			NO3 / Cl 2 bottle			TOTAL BOTT	ILES:	[

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	Water Sampling Field Log	Well No.: PC-131	
<u>)</u>			
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA		
Sampling Team: Michele Brown	I, James Winge, Eric Crawford	Date: 10-30-06	
Sampling Method: Ele	ectric Pump 🥝 Dedicated Bailer O Non Dedicate	ed Bailer O Ready Flo 2" O	
Weather Conditions:	6002		
Well Information:			
Total Well Depth:	39.40 feet Time: <u>M:59</u>		
Depth to Water:	Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume	
Height of Water Column (L):	$\frac{2 \cdot in}{2 \cdot in}$ 4-in. 6-in $\frac{2 \cdot in}{2 \cdot in}$ 4-in. 6-in	:4.52 gal. * 3 = 14 gol	
Field Measurements: Cumulative	Depth Purging From: 2 ft. below depth to water		
Volume Time Purged	Specific pH Conductivity Temp	Observations	
608			
804 5 gal 1	1.14 13.11 ms 22.0 OU	lar	
801 10 gal M	1.12 13.02 mS 23.2° Cl	lán	
Man 19 14 gal in	1.09 13.08 mS 23.5° Cl	Lan.	
gal	·		
gal			
gal			
<u>yu</u>			
Sample Appearance:		\$ 1	
Sample Collection - Time Start: 811 Time Finished: 811			
Analyses: pH / CLO4 / CF Bottles: 2 Bottles	PH / CLO4 / CR6 / TDS / C 3 Bottles	<u>&gt;R</u>	
Bottles: <u>2 Bottles</u>	NO3 / CLO3 2 bottles	TOTAL BOTTLES:	

ž	Water Sampling Field Log Well No.: 中で	-132		
Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA			
Sampling Team: Michele B	Brown, James Winge, Eric Crawford Date: 10-	30-06		
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicated Bailer O Ready F	lo 2" O		
Weather Conditions:	COOL 5:40F	Tarana a manana manana kalakiki di Pilipina kanana manana m		
Well Information:				
Total Well Depth:	39.10 feet Time: <u>81</u> M			
Depth to Water:	Q. M     feet     Well     Purge       Well Diameter (circle one)     Volume (WV)     Factor	Purge Volume		
Height of Water Column (L)	.): $29.83$ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = $4.77$ gal. * 3	=14 gol		
Field Measurements: Cumulative Volume				
Time Purged	pH Conductivity Temp Observations			
		u _{n a} nna an		
<u>821 5 gal</u>	M.32, 12.30ms 22.7°C Clear			
<u>823 10 gal</u>	<u>1.20 12.58 ms 233° cllar</u>	<u>.</u>		
825 14 gal	7.19 12.53 ms 24.300 Real			
gal				
gal				
gal		<u></u>		
Sample Appearance:	plear			
Sample Collection -	Time Start: 827 Time Finished: 827			
Analyses: pH / CLO4 / C Bottles: 2 Bottles				
Comments: MO3/CLO3 2 bottles TOTAL BOTTLES: 4				
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